
UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

SCHEDULE 14A INFORMATION

Proxy Statement Pursuant to Section 14(a) of the Securities Exchange Act of 1934

Filed by the Registrant ☒

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Check the appropriate box:

- ☒ Preliminary Proxy Statement
☐ Confidential, for Use of the Commission Only (as permitted by Rule 14a-6(e)(2))
☐ Definitive Proxy Statement
☐ Definitive Additional Materials
☐ Soliciting Material under § 240.14a-12

POLAR POWER, INC.

(Name of Registrant as Specified In Its Charter)

(Name of Person(s) Filing Proxy Statement if other than the Registrant)

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- ☒ No fee required
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| (4) | Date Filed: |

POLAR POWER, INC.
249 E. Gardena Boulevard
Gardena, California 90248

[], 2026

Dear Fellow Stockholder:

We cordially invite you to attend the 2026 annual meeting ("Annual Meeting") of stockholders of Polar Power, Inc., which will be held at [], local time, on [], [], 2026 at our corporate headquarters at 249 E. Gardena Boulevard, Gardena, California 90248. All stockholders of record at the close of business on [], 2026 are entitled to vote at the Annual Meeting. The formal meeting notice and Proxy Statement are attached.

At the Annual Meeting, stockholders will be asked to (i) elect six directors; (ii) ratify the appointment of Weinberg & Company, P.A. to serve as our independent registered public accounting firm for the year ending December 31, 2026; (iii) approve, for purposes of Nasdaq Listing Rule 5635(d), the potential issuance of shares of common stock (or securities convertible into or exercisable for common stock), in one or more non-public financing transactions, in an aggregate amount exceeding 19.99% of

the Company's outstanding common stock or voting power, at a price that may be below the Minimum Price (as defined in Nasdaq rules); (iv) approve an amendment to our Certificate of Incorporation (the "Charter"), in substantially the form attached to the accompanying proxy statement as Appendix A, to allow our Board of Directors to effect, in its discretion prior to December 31, 2027, a reverse stock split of all of our issued and outstanding common stock, at a specific ratio, ranging from one-for-three to one-for-twenty (the "Approved Split Ratios"), with the timing and ratio to be determined by the Board if effected (the "Reverse Split"); (v) approve, on an advisory basis, the compensation of our named executive officers; (vi) approve, on an advisory basis, the preferred frequency of stockholder advisory votes on executive compensation; and (vii) approve a proposal to grant discretionary authority to the Chairman of the Annual Meeting to adjourn the Annual Meeting, if necessary, to solicit additional proxies in the event that there are not sufficient votes at the time of the Annual Meeting to approve Proposals (iii) and (iv). In addition, stockholders will transact any other business that may properly come before the Annual Meeting.

Whether or not you plan to attend the Annual Meeting, it is important that your shares be represented and voted at the meeting and we urge you to vote as soon as possible. As an alternative to voting in person at the Annual Meeting, you may vote electronically over the Internet or by email, or if you receive a proxy card or voting instruction form in the mail, by mailing the completed proxy card or voting instruction form. Timely voting by any of these methods will ensure your representation at the Annual Meeting.

For admission to the Annual Meeting, each stockholder may be asked to present valid picture identification, such as a driver's license or passport, and proof of ownership of our capital stock as of the record date, such as the enclosed proxy card or a brokerage statement reflecting stock ownership.

We look forward to seeing you on [], 2026.

Sincerely,

Arthur D. Sams
Chairman of the Board, President,
Chief Executive Officer and Secretary

POLAR POWER, INC.
NOTICE OF THE 2026 ANNUAL MEETING OF STOCKHOLDERS
TO BE HELD [], 2026

NOTICE IS HEREBY GIVEN that the 2026 annual meeting ("Annual Meeting") of stockholders of Polar Power, Inc., a Delaware corporation, will be held at [], local time, on [], [], 2026 at our corporate headquarters at 249 E. Gardena Boulevard, Gardena, California 90248, for the following purposes, as more fully described in the Proxy Statement accompanying this notice:

1. To elect six directors to serve on our Board of Directors until the next annual meeting of stockholders and/or until their successors are duly elected and qualified. The nominees for election are Arthur D. Sams, Keith Albrecht, Michael G. Field, Jim Ahern, Menachem "Menny" Shalom and Lewis Wilks.
2. To ratify the appointment of Weinberg & Company, P.A. as our independent registered public accounting firm for the year ending December 31, 2026.
3. To approve, for purposes of Nasdaq Listing Rule 5635(d), the potential issuance of shares of common stock (or securities convertible into or exercisable for common stock), in one or more non-public financing transactions, in an aggregate amount exceeding 19.99% of the Company's outstanding common stock or voting power, at a price that may be below the Minimum Price (as defined in Nasdaq rules).
4. To approve an amendment to the Company's Certificate of Incorporation (the "Charter"), in substantially the form attached to this proxy statement as Appendix A (the "Reverse Split Charter Amendment") to allow our Board of Directors to effect, in its discretion prior to December 31, 2027, a reverse stock split of all of our issued and outstanding common stock, at a specific ratio, ranging from one-for-three to one-for-twenty (the "Approved Split Ratios"), with the timing and ratio to be determined by the Board if effected (the "Reverse Split").
5. To approve, on an advisory basis, the compensation paid to our named executive officers (the "Say on Pay Proposal").
6. To approve, on an advisory basis, the frequency of the non-binding advisory vote on executive compensation (the "Say on Pay Frequency Proposal").
7. To approve a proposal to grant discretionary authority to the Chairman of the Annual Meeting to adjourn the Annual Meeting, if necessary, to solicit additional proxies in the event that there are not sufficient votes at the time of the Annual Meeting to approve Proposals 3 or 4.

In addition, stockholders will transact any other business that may properly come before the Annual Meeting.

Holders of our outstanding shares of our common stock and our Series A Convertible Preferred Stock, par value \$0.0001 per share (the "Series A Preferred") as of the record date, [], 2026, present in person or represented by proxy at the Annual Meeting are entitled to vote as a single class on each matter presented at the Annual Meeting, except Proposal Three. Holders of our outstanding shares of Series A Preferred are not entitled to vote any such shares they hold, including on an as-converted-to-common-stock basis, on the Proposal Three.

We cordially invite all stockholders to attend the Annual Meeting in person. Whether or not you plan to attend, it is important that your shares be represented and voted at the meeting. As an alternative to voting in person at the Annual Meeting, you can vote your shares electronically over the Internet, or if you receive a proxy card or voting instruction form in the mail, by mailing the completed proxy card or voting instruction form. For detailed information regarding voting instructions, please refer to the section entitled "How do I vote?" on page 3 of the Proxy Statement.

For admission to the Annual Meeting, each stockholder may be asked to present valid picture identification, such as a driver's license or passport, and proof of ownership of our capital stock as of the record date, such as the enclosed proxy card or a brokerage statement reflecting stock ownership.

By Order of the Board of Directors,

Arthur D. Sams
Chairman of the Board, President,
Chief Executive Officer and Secretary

Gardena, California
[], 2026

YOUR VOTE IS VERY IMPORTANT REGARDLESS OF THE NUMBER OF SHARES YOU OWN. PLEASE READ THE ATTACHED PROXY STATEMENT

CAREFULLY. TO ENSURE YOUR REPRESENTATION AT THE ANNUAL MEETING, PLEASE PROMPTLY SUBMIT YOUR PROXY OR VOTING INSTRUCTION ELECTRONICALLY OVER THE INTERNET OR BY EMAIL, OR IF YOU RECEIVE A PAPER PROXY CARD OR VOTING INSTRUCTION FORM, YOU MAY MAIL THE COMPLETED PROXY CARD OR VOTING INSTRUCTION FORM IN THE ENCLOSED POSTAGE-PAID ENVELOPE.

POLAR POWER, INC.
PROXY STATEMENT
FOR THE 2026 annual meeting OF STOCKHOLDERS
[], 2026

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POLAR POWER, INC.
249 E. Gardena Boulevard
Gardena, California 90248

PROXY STATEMENT
FOR THE 2026 ANNUAL MEETING OF STOCKHOLDERS

VOTING AND PROXY

This proxy statement (“Proxy Statement”) is being furnished in connection with the solicitation of proxies by Polar Power, Inc. (“we,” “us,” the “Company,” or “Polar Power”)’s Board of Directors (“Board”) for use at the 2026 annual meeting (“Annual Meeting”) of stockholders to be held on [], [], 2026, at [], local time, at our corporate headquarters at 249 E. Gardena Boulevard, Gardena, California 90248, and at any adjournment(s) or postponement(s) of the Annual Meeting. We are providing this Proxy Statement and the accompanying proxy card to our stockholders on or about [], 2026. Our stockholders are invited to attend the Annual Meeting and are requested to vote on the proposals described in this Proxy Statement.

A copy of our Annual Report on Form 10-K for the year ended December 31, 2025 (“Annual Report”) is provided concurrently with this Proxy Statement (or made available electronically, for stockholders who elected to access these materials over the Internet) to all stockholders entitled to notice of and to vote at the Annual Meeting. The Annual Report is not to be regarded as proxy soliciting material or as a communication through which any solicitation of proxies is made.

**IMPORTANT NOTICE REGARDING THE AVAILABILITY OF PROXY MATERIALS FOR THE
STOCKHOLDER MEETING TO BE HELD ON [], [], 2026**

The Company’s Proxy Statement and Annual Report are available on our website at <https://ir.polarpower.com/annual-meeting>. You are encouraged to access and review all of the important information contained in the proxy materials before voting.

What items will be voted on at the Annual Meeting?

Stockholders will vote on eight items at the Annual Meeting:

Proposal One —	To elect six directors to serve on our Board of Directors until the next annual meeting of stockholders and/or until their successors are duly elected and qualified. The nominees for election are Arthur D. Sams, Keith Albrecht, Michael G. Field, Jim Ahern, Menachem “Menny” Shalom and Lewis Wilks.
Proposal Two —	To ratify the appointment of Weinberg & Company, P.A. as our independent registered public accounting firm for the year ending December 31, 2026.
Proposal Three —	To approve, for purposes of Nasdaq Listing Rule 5635(d), the potential issuance of shares of common stock (or securities convertible into or exercisable for common stock), in one or more non-public financing transactions, in an aggregate amount exceeding 19.99% of the Company’s outstanding common stock or voting power, at a price that may be below the Minimum Price (as defined in Nasdaq rules).
Proposal Four —	To grant our Board of Directors the authority to effect, in its discretion prior to December 31, 2027, a reverse stock split of all of our issued and outstanding common stock, at a specific ratio, ranging from one-for-three to one-for-twenty (the “Approved Split Ratios”), with the timing and ratio to be determined by the Board if effected (the “Reverse Split”).
Proposal Five —	To approve, on an advisory basis, the compensation paid to our named executive officers (the “Say on Pay Proposal”).
Proposal Six —	To approve, on an advisory basis, the frequency of the non-binding advisory vote on executive compensation (the “Say on Pay Frequency Proposal”).
Proposal Seven —	To approve a proposal to grant discretionary authority to the Chairman of the Annual Meeting to adjourn the Annual Meeting, if necessary, to solicit additional proxies in the event that there are not sufficient votes at the time of the Annual Meeting to approve Proposals 3 or 4.

What are the Board’s Voting Recommendations?

The Board recommends that you vote your shares a “FOR” all of the Director Nominees, “FOR” two years on the Say on Pay Frequency Proposal, and “FOR” each of the other proposals.

1

Who is entitled to vote?

To be able to vote, you must have been a stockholder on [], 2026, the record date for determination of stockholders entitled to notice of and to vote at the Annual Meeting. As of the record date, [] shares of our voting common stock were outstanding.

How many votes do I have?

Holders of common stock will vote at the Annual Meeting on all matters. Each holder of common stock is entitled to one vote per share held. As a result, a total of [] votes may be cast at the Annual Meeting.

What is a quorum?

For business to be conducted at the Annual Meeting, a quorum must be present. The presence at the Annual Meeting, either in person or by proxy, of holders of shares of outstanding common stock and preferred stock entitled to vote and representing at least a majority of our outstanding voting power will constitute a quorum for the transaction of business. Accordingly, shares representing [] votes must be present in person or by proxy at the Annual Meeting to constitute a quorum.

Abstentions and broker non-votes will be counted for the purpose of determining whether a quorum is present for the transaction of business.

If a quorum is not present, the Annual Meeting will be adjourned until a quorum is obtained.

What are abstentions and broker non-votes?

An “abstention” is the voluntary act of not voting by a stockholder who is present at a meeting in person or by proxy and entitled to vote. “Broker non-votes” refers to shares held by a brokerage firm or other nominee (for the benefit of its client) that are represented at the meeting, but with respect to which such broker or nominee is not instructed to vote on a particular proposal and does not have discretionary authority to vote on that proposal.

If you are a beneficial owner whose shares are held in street name and you do not submit voting instructions to your broker, your broker may generally vote your shares in its discretion on routine matters. We believe that Proposals Two and Four are routine and may be voted on by your broker if you do not submit voting instructions. However, pursuant to rules of The Nasdaq Stock Market (“Nasdaq”), brokers do not have the discretion to vote their clients’ shares on non-routine matters, unless the broker receives voting instructions from the beneficial owner. All Proposals except Proposals Two and Four are considered non-routine matters. Consequently, if your shares are held in street name, you must provide your broker with instructions on how to vote your shares in order for your shares to be voted on Proposals One, Three, Five, Six and Seven.

What are the general effects of abstentions and broker non-votes?

Brokers who hold shares for the accounts of their clients may vote such shares either as directed by their clients or in their own discretion as permitted under the Nasdaq Listing Rules. For purposes of the Annual Meeting, brokers or nominees are permitted to vote their clients’ proxies in their own discretion as to the ratification of the appointment of our independent registered public accounting firm and the adjournment, if the clients have not furnished voting instructions within 10 days of the meeting. Abstentions and broker non-votes will not be counted as a vote “for” or “against” any matter and accordingly will not affect the outcome with respect to any matter to be voted on at the Annual Meeting. The election of directors proposal is “non-discretionary” and brokers or nominees who have received no instructions from their clients do not have discretion to vote on those items.

Please note that brokers may not vote your shares on the election of directors or other non-routine matters in the absence of your specific instructions as to how to vote, thus we strongly encourage you to provide instructions to your broker regarding the voting of your shares you hold in “street name” or through a broker or other nominee.

2

What vote is required to approve each proposal?

While holders of Series A Convertible Preferred Stock, par value \$0.0001 per share (the “Series A Preferred”) generally are entitled to vote on all matters on which holders of common stock are entitled to vote, on an as-converted-to-common-stock basis (not to exceed the beneficial ownership limitation as described below), voting together as a single class with the common stock, they are not entitled to vote any shares of Series A Preferred they hold, including on an as-converted-to-common-stock basis, on Proposal Three.

Proposal One

The six nominees receiving the highest number of affirmative votes of the voting power of the shares present at the Annual Meeting in person or represented by proxy and entitled to vote on the election of directors, will be elected as directors to serve until the next annual meeting of stockholders and/or until their successors are duly elected and qualified. Abstentions will have no effect on the outcome of the election of nominees for director. Should any nominee(s) become unavailable to serve before the Annual Meeting, the proxies will be voted by the proxy holders for such other person(s) as may be designated by our Board or for such lesser number of nominees as may be prescribed by the Board. Votes cast for the election of any nominee who has become unavailable will be disregarded.

Proposals Two, Four, Five and Seven

The affirmative vote of a majority of the voting power of the shares present in person or represented by proxy at the meeting and entitled to vote on the subject matter, is required for approval of Proposals Two, Four, Five and Seven. Broker non-votes, if any, will have no effect on the outcome of these proposals. However, broker non-votes are not expected on Proposals Two and Four because they are considered routine matters under NYSE rules, meaning brokers may vote uninstructed shares in their discretion. Abstentions will be counted toward the tabulation of votes present or represented on these proposals and will have the same effect as votes against these proposals.

Proposal Three

The affirmative vote of a majority of the voting power of the shares present in person or represented by proxy at the meeting and entitled to vote on the subject matter, is required for approval of this proposal, provided that, the stockholders of shares of Series A Preferred are not entitled to vote such shares upon this proposal. Broker non-votes, if any, will have no effect on the outcome of these proposals. Abstentions will be counted toward the tabulation of votes present or represented on these proposals and will have the same effect as votes against these proposals.

Proposal Six

For purposes of the advisory vote regarding the frequency of the advisory vote on executive compensation, the option of every year, every two years or every three years that receives the highest number of votes cast by stockholders will be the frequency for the advisory vote on executive compensation that has been selected by stockholders. Abstentions and broker non-votes will not be counted as votes cast and accordingly, will not have an effect on Proposal Seven. The proxy card provides stockholders with four choices (every year, every two years, every three years, or abstain). Stockholders are not voting to approve or disapprove our Board's recommendation. Proxies submitted without direction pursuant to this solicitation will be voted to hold a say-on-pay vote every two years.

How do I vote?

If you are a "registered holder," that is, your shares are registered in your own name through our transfer agent, and you are viewing this proxy over the Internet you may vote electronically over the Internet. For those stockholders who receive a paper proxy in the mail, you may also vote electronically over the Internet or by email, or by completing and mailing the proxy card provided. The website identified in our proxy card provides specific instructions on how to vote electronically over the Internet. Those stockholders who receive a paper proxy by mail, and who elect to vote by mail, should complete and return the mailed proxy card in the addressed, postage paid envelope that was enclosed with the proxy materials.

If your shares are held in "street name," that is, your shares are held in the name of a brokerage firm, bank or other nominee, you will receive instructions from your record holder that must be followed for your record holder to vote your shares per your instructions. If you receive paper copies of our proxy materials from your brokerage firm, bank or other nominee, you will also receive a voting instruction form. Please complete and return the enclosed voting instruction form in the addressed, postage paid envelope provided.

Stockholders who have previously elected to access our proxy materials and annual report electronically over the Internet will continue to receive an email, referred to in this Proxy Statement as an email notice, with information on how to access the proxy information and voting instructions.

Only proxy cards and voting instruction forms that have been signed, dated and timely returned, and only shares that have been timely voted electronically, by mail or by email will be counted in the quorum and voted. *The Internet voting facilities will close at 11:59 p.m. Eastern Time, [], [] for shares held directly and at 11:59 p.m. Eastern Time, [], [] for shares held in a plan.*

Stockholders who vote over the Internet or by email need not return a proxy card or voting instruction form by mail, but may incur costs, such as usage charges, from Internet service providers. You may also vote your shares in person at the Annual Meeting. If you are a registered holder, you may request a ballot at the Annual Meeting. If your shares are held in street name and you wish to vote in person at the meeting, you must obtain a proxy issued in your name from the record holder (e.g., your broker) and bring it with you to the Annual Meeting. We recommend that you vote your shares in advance as described above so that your vote will be counted if you later decide not to attend the Annual Meeting.

What if I receive more than one email notice, proxy card or voting instruction form?

If you receive more than one email notice, proxy card or voting instruction form because your shares are held in multiple accounts or registered in different names or addresses, please vote your shares held in *each account* to ensure that all of your shares will be voted.

Who will count the votes and how will my vote(s) be counted?

All votes will be tabulated by the inspector of elections appointed for the Annual Meeting, who will separately tabulate affirmative and negative votes, abstentions and broker non-votes.

If your proxy is properly submitted, the shares represented thereby will be voted at the Annual Meeting in accordance with your instructions. If you are a registered holder and you do not specify how the shares represented thereby are to be voted, your shares will be voted "FOR" the election of each of the six nominees to our Board listed in this Proxy Statement and "FOR" the approval of Proposals Two to Five and Seven, and every "Two Years" for Proposal Six, and in the discretion of the proxy holder(s) as to any other matters that may properly come before the Annual Meeting or any adjournment(s) or postponement(s) of the Annual Meeting, as well as any procedural matters. If your shares are held in street name and you do not specify how the shares represented thereby are to be voted, your broker may exercise its discretionary authority to vote on Proposals Two and Four.

Can I change my vote after I have voted?

If your shares are registered in your name, you may revoke or change your vote at any time before the Annual Meeting by voting again electronically over the Internet or by email, or by filing a notice of revocation or another proxy card with a later date with our Secretary at Polar Power, Inc., 249 E. Gardena Boulevard, Gardena, California 90248. If you are a registered stockholder and attend the Annual Meeting and vote by ballot, any proxy that you submitted previously to vote the same shares will be revoked automatically and only your vote at the Annual Meeting will be counted. If your shares are held in street name, you should contact the record holder to obtain instructions if you wish to revoke or change your vote before the Annual Meeting. Please note that if your shares are held in street name, your vote in person at the Annual Meeting will not be effective unless you have obtained and present a proxy issued in your name from the record holder.

Who will bear the cost of soliciting proxies?

We will bear the entire cost of soliciting proxies for the Annual Meeting, including the cost of preparing, assembling, printing and mailing this Proxy Statement, the proxy card and any additional solicitation materials furnished to our stockholders. Copies of solicitation materials will be furnished to brokerage firms, fiduciaries and custodians holding shares in their names that are beneficially owned by others so that they may forward the solicitation materials to the beneficial owners. We may reimburse such persons for their reasonable expenses in forwarding solicitation materials to beneficial owners. The original solicitation of proxies may be supplemented by solicitation by personal contact, telephone, facsimile, email or any other means by our directors, officers or employees, and we will reimburse any reasonable expenses incurred for that purpose. No additional compensation will be paid to those individuals for any such services.

The matters to be considered and acted upon at the Annual Meeting are referred to in the preceding notice and are discussed below more fully.

4

PROPOSAL ONE

ELECTION OF DIRECTORS

Our bylaws provide for a number of directors fixed by resolution of the whole Board. Our Board has fixed the number of directors at six unless otherwise changed by resolution of our Board. Directors are elected annually and hold office until the next annual meeting of stockholders and/or until their respective successors are duly elected and qualified. Stockholders who desire to nominate any person for election to our Board must comply with our bylaws, including our advance-notice bylaw provisions relating to the nomination of persons for election to our Board. See “Information about our Board of Directors, Board Committees and Related Matters—Board Committees and Meetings, Nominating and Corporate Governance Committee” below. It is intended that the proxies solicited by our Board will be voted “**FOR**” election of the following six nominees unless a contrary instruction is made on the proxy: Arthur D. Sams, Keith Albrecht, Michael G. Field, Jim Ahern, Menachem “Menny” Shalom and Lewis Wilks. If, for any reason, one or more of the nominees is unavailable as a candidate for director, an event that is not expected, the person named in the proxy will vote for another candidate or candidates nominated by our Nominating and Corporate Governance Committee. However, under no circumstances may a proxy be voted in favor of a greater number of persons than the number of nominees named above.

Required Vote of Stockholders

The six nominees receiving the highest number of affirmative votes of the outstanding shares of our common stock, present at the Annual Meeting in person or by proxy and entitled to vote, will be elected as directors to serve until the next annual meeting of stockholders and/or until their successors are duly elected and qualified. Votes against a candidate, abstentions and broker non-votes will be counted for purposes of determining whether a quorum is present for this proposal, but will not be included in the vote totals for this proposal and, therefore, will have no effect on the vote.

Recommendation of the Board of Directors

OUR BOARD UNANIMOUSLY RECOMMENDS A VOTE “**FOR**” THE ELECTION OF EACH OF THE SIX DIRECTOR NOMINEES LISTED ABOVE.

5

INFORMATION ABOUT OUR BOARD OF DIRECTORS, BOARD COMMITTEES AND RELATED MATTERS

Directors and Director Nominees

The following table sets forth certain information regarding our directors and director nominees as of [], 2026:

Name	Age	Positions Held
Arthur D. Sams	75	Chairman of the Board, President, Chief Executive Officer, Secretary and Director Nominee
Keith Albrecht	75	Director and Director Nominee
Michael G. Field	63	Director and Director Nominee
Jim Ahern	70	Director and Director Nominee
Menachem “Menny” Shalom	51	Director and Director Nominee
Lewis Wilks	72	Director and Director Nominee

Arthur D. Sams has served as our President, Chief Executive Officer and Chairman of our Board since August 1991 and as our Secretary since October 2016. Under his leadership, we have grown to be a leading brand name in the design and manufacturing of DC power systems for the telecommunications, military, automotive, marine and industrial markets. He specializes in the design of thermodynamics and power generation systems. During his early career, he gained vast industry experience while working as a machinist, engineer, project manager, chief technical officer and consultant for various Fortune 500 companies and the U.S. Department of Defense and the U.S. Department of Energy. Mr. Sams studied at California State Polytechnic University Pomona and the University California at Irvine with a dual major in biology and engineering.

In nominating Mr. Sams, our Board considered his Board and executive level leadership, broad international exposure, and extensive global experience in engineering and manufacturing as key attributes in his selection. The Board believes that through his experience in product development and international operations over the past three decades he can provide our company with particular insight into global opportunities and new markets for our current and planned future product lines.

Keith Albrecht has served as a member of our Board since May 2016 and serves as a member of each of our Audit Committee, Compensation Committee and Nominating and Corporate Governance Committee. Mr. Albrecht has extensive experience as a commercial real estate appraiser for commercial banks and local governments. Mr. Albrecht was an appraiser for commercial buildings for the County of Orange, California, from 1996 to 2007, where he was responsible for the assessment of property values of shopping malls, office buildings, hotels and apartment buildings. Prior thereto, Mr. Albrecht was an appraiser for Security Pacific and Bank of America, from 1985 to 1996. Mr. Albrecht is currently retired and invests in startups and small cap companies.

In nominating Mr. Albrecht, our Board considered his Board and executive level leadership, high level financial expertise, and extensive expertise in risk management as key attributes in his selection. The Board believes Mr. Albrecht can provide our Company particular insight into analysis of financial statements, debt analysis, and risk oversight.

Michael G. Field has served as a member of our Board since July 2024 and serves as a member of each of our Audit Committee, Compensation Committee and Nominating and Corporate Governance Committee. Mr. Field has been the Chief Operations Officer of Toyota Material Handling North America, a company providing intralogistics solutions, since April 2025. From June 2014 to April 2025, he was President and Chief Executive Officer of The Raymond Corporation (“Raymond”). From May 2010 to June 2014, he was Raymond’s president of operations and engineering division. From January 2009 to April 2010, he was the executive vice president of operations and engineering. From January 2004 to December 2008, he was the vice president of engineering. Mr. Field is also a Board member of Industrial Truck Association. Mr. Field

received his Bachelor of Science in mechanical engineering from Rochester Institute of Technology in 1986, his Master of Science in manufactured systems engineering and his MBA in international operations management, both from Boston University in 1995.

In nominating Mr. Field, our Board considered his Board and executive level leadership, his extensive engineering expertise, and experience with global business operations as key attributes in his selection. Our Board believes that Mr. Field will provide critical leadership as we expand our product and customer diversification strategies worldwide.

Jim Ahern has served as a member of our Board since August 2026 and serves as a member of each of our Audit Committee, Compensation Committee, Nominating and Corporate Governance Committee. Jim Ahern is a professor and faculty member at the W. P. Carey School of Business within Arizona State University (ASU). He teaches in the Department of Management and Entrepreneurship, leveraging over 40 years of global corporate leadership and executive consulting experience. Previously, Mr. Ahern served in management for companies in the technology and telecommunications industries. Mr. Ahern holds a bachelor of arts from Northeast Missouri State University and a master's degree from Webster University.

In nominating Mr. Ahern, our Board considered his extensive academic leadership, his deep expertise in management and entrepreneurship, and his over four decades of global corporate leadership and executive consulting experience as key attributes in his selection. Our Board believes that Mr. Ahern will provide valuable strategic insight as we continue to strengthen our corporate governance practices and pursue long-term growth initiatives.

Menachem "Menny" Shalom has served as a member of our Board since August 2026 and serves as a member of each of our Audit Committee, Compensation Committee, Nominating and Corporate Governance Committee. Menachem Shalom has been the Chief Executive Officer and member of the Board of Directors of T3 Defense Inc. (Nasdaq: DFNS) since September 2024. Mr. Shalom has also served as the Chief Executive Officer, President and Chairman of the Board of Directors of Star 26 Capital, Inc. since January 2024, as well as the Chairman of B. Rimom Agencies Ltd., a wholly owned operating subsidiary of Star 26 and operator of an Israeli defense business. Mr. Shalom has served as a director and the Chief Executive Officer of Motomova Inc (OTC Markets: MTMV) since December 1, 2022 and its Secretary since May 24, 2023. Mr. Shalom has been the Co-Chief Executive Officer, and a member of the board of directors of MEA Testing Systems Ltd. since January 2022. Since 2017, Mr. Shalom has also served as Chief Executive Officer, Chief Financial Officer and sole director of Hold Me Ltd. (OTC: HMELF), a digital platform for mobile wallet and payments founded by Mr. Shalom. He is the Chief Executive Officer and director of two SPACs, SC II Acquisition Corp (Nasdaq: SCII) and Kochav Defense Acquisition Corp (Nasdaq: KCHV). Previously, Mr. Shalom founded and served as CEO of Wayerz Solutions, Ltd., a digital platform for correspondent banking and wires' routing optimization, between 2014 and 2017 and as Vice President of Business Development, Sales and Marketing at Dsnr Media Group Ltd., an international cross-platform digital advertising company. Mr. Shalom also founded and served as CEO of Mipso Ltd., a software-as-a-service provider in the fashion and retail industry, between 2010 and 2013; ooga studio Ltd., an industrial design incubator, between 2007 and 2010; and Medifreeze Ltd., a startup in the area of stem cell cryopreservation, between 2004 and 2009. Mr. Shalom received his MBA at the Hebrew University of Jerusalem in 2003 after receiving an LLM in corporate law at Columbia University School of Law in 2000.

On June 30, 2026, we issued a convertible promissory note to Mayers Ventures LLC ("Mayers") that included a right of Mayers to designate one person for appointment or election to serve on our Board, and Mayers designated Mr. Shalom to be so elected.

In nominating Mr. Shalom, our Board considered his proven entrepreneurial leadership, his extensive experience as a chief executive officer and board member across multiple publicly traded companies, and his deep expertise in corporate law, capital markets, and business development as key attributes in his selection. Our Board believes that Mr. Shalom will provide critical strategic guidance as we advance our growth initiatives and navigate the evolving regulatory and capital markets landscape.

Lewis Wilks has served as a member of our Board since August 2026 and serves as a member of each of our Audit Committee, Compensation Committee, Nominating and Corporate Governance Committee. Mr. Wilks is the Senior Managing partner at Bright Peaks Venture Capital. He started working at Bright Peaks Venture Capital, LLC in 2005. He has been a member of the board of directors of Silverthread Inc. since 2012. His past experience on the board of directors of public companies has included serving at PMC Sierra, Portal Software and Urban-gro (now Flash Sports and Media Holdings, Inc.). He is a graduate of Central Missouri State University.

On July 29, 2026, we entered into a security purchase agreement with CL Investment Group LLC ("CL Investment"), that included a right of CL Investment to designate one person for appointment or election to serve on our Board, and CL Investment designated Mr. Wilks to be so elected.

In nominating Mr. Wilks, our Board considered his significant venture capital and investment expertise, his extensive experience serving on the boards of directors of multiple public companies, and his demonstrated leadership in identifying and supporting high-growth business opportunities as key attributes in his selection. Our Board believes that Mr. Wilks will provide valuable guidance as we pursue strategic investments and continue to create long-term shareholder value.

Election of Officers; Family Relationships

Our executive officers are appointed by, and serve at the discretion of, our Board. There are no family relationships among any of our directors or executive officers.

Board Composition

Our Board currently consists of six members: Arthur D. Sams, Keith Albrecht, Michael G. Field, Jim Ahern, Menachem "Menny" Shalom and Lewis Wilks. Our directors hold office until their successors have been elected and qualified or until the earlier of their resignation or removal.

Our Charter and bylaws provide that the authorized number of directors may be changed only by resolution of the entire Board. Our Charter and bylaws also provide that any vacancy on our Board, including a vacancy resulting from an expansion of our Board, may be filled only by vote of a majority of our directors then in office, although less than a quorum or by a sole remaining director.

We recognize the value of diversity on the Board. Although our priority in selection of board members is identification of members who will further the interests of our stockholders through his or her established record of professional accomplishment, the ability to contribute positively to the collaborative culture among board members, knowledge of our business and understanding of the competitive landscape, we are currently focusing on female candidates and candidates from underrepresented communities.

Independence of our Board of Directors and Board Committees

Rule 5605 of the Nasdaq Listing Rules requires a majority of a listed company's board of directors to be comprised of "independent directors," as defined in such rule, subject to specified exceptions. In addition, the Nasdaq Listing Rules require that, subject to specified exceptions: each member of a listed company's audit, compensation and nominating committees be independent as defined under the Nasdaq Listing Rules; audit committee members also satisfy independence criteria set forth in Rule 10A-3 under the Securities Exchange Act of 1934, as amended (the "Exchange Act"); and compensation committee members also satisfy an additional independence test for compensation committee members under the Nasdaq Listing Rules.

Our Board has evaluated the independence of its members based upon the rules of the Nasdaq Stock Market and the Securities and Exchange Commission. Applying these standards, our Board determined that none of the directors, other than Mr. Sams, have a relationship that would interfere with the exercise of independent judgment in

carrying out the responsibilities of a director and that each of those directors is “independent” as that term is defined under Rule 5605(a)(2) of the Nasdaq Listing Rules. Mr. Sams is not considered independent because he is an officer of Polar Power, Inc. As such, a majority of our Board is comprised of “independent directors” as defined under the Nasdaq Listing Rules.

Role of Board in Risk Oversight Process

One of the key functions of our Board is informed oversight of our risk management process. Our Board does not have a standing risk management committee, but rather administers this oversight function directly through the Board as a whole, as well as through its standing committees that address risks inherent in their respective areas of oversight. In particular, our Board is responsible for monitoring and assessing strategic risk exposure. Our Audit Committee is responsible for reviewing and discussing our major financial risk exposures and the steps our management has taken to monitor and control these exposures, including guidelines and policies with respect to risk assessment and risk management. Our Audit Committee also monitors compliance with legal and regulatory requirements and reviews related party transactions, in addition to oversight of the performance of our external audit function. Our Board monitors the effectiveness of our corporate governance guidelines. Our Compensation Committee assesses and monitors whether any of our compensation policies and programs has the potential to encourage excessive risk-taking. The Board believes its leadership structure is consistent with and supports the administration of its risk oversight function.

Board Committees and Meetings

Our business, property and affairs are managed under the direction of our Board. Our directors are kept informed of our business through discussions with our executive officers, by reviewing materials provided to them and by participating in meetings of our Board and its committees. During 2025, our Board held four meetings. Most directors attended 100% of the aggregate of the meetings of our Board and of the committees on which they served or that were held during the period they were directors or committee members, except that one director was absent for one board meeting.

During 2025, members of the Board and its committees consulted informally with management from time to time and also acted by written consent three times without a meeting.

It is our policy to invite and encourage our directors to attend our annual meetings of stockholders. One director attended our 2025 annual meeting of stockholders.

Our Board has established standing committees in connection with the discharge of its responsibilities. These committees include an Audit Committee, a Compensation Committee and a Nominating and Corporate Governance Committee. Each charter is available at our website at <http://www.polarpower.com>. The composition and responsibilities of each committee are described below. Members serve on committees until their resignation or until otherwise determined by our Board. Each of these committees has adopted a written charter that satisfies the applicable standards of the Securities and Exchange Commission and the Nasdaq Listing Rules, which we have posted on the investor relations section of our website.

Audit Committee

The members of our Audit Committee are Messrs. Albrecht, Field, Ahern, Shalom and Wilks. Mr. Albrecht is the chair of the Audit Committee. Each member of the Audit Committee satisfies the heightened audit committee independence requirements under the Nasdaq Listing Rules and Rule 10A-3 of the Exchange Act. During 2025, our Audit Committee held four meetings and acted by written consent once without a meeting. The Audit Committee Report for 2025 can be found on page 30 of this Proxy Statement. In addition, our Board has determined that Mr. Albrecht qualifies as an audit committee financial expert, as that term is defined under Securities and Exchange Commission rules, and possesses the requisite financial sophistication, as defined under the Nasdaq Listing Rules. Our Audit Committee assists our Board in its oversight of our accounting and financial reporting process and the audits of our financial statements.

Under its charter, our Audit Committee is responsible for, among other things:

- overseeing accounting and financial reporting process;
- selecting, retaining and replacing independent auditors and evaluating their qualifications, independence and performance;
- reviewing and approving scope of the annual audit and audit fees;
- discussing with management and independent auditors the results of annual audit and review of quarterly financial statements;
- reviewing adequacy and effectiveness of internal control policies and procedures;
- approving retention of independent auditors to perform any proposed permissible non-audit services;
- overseeing internal audit functions and annually reviewing audit committee charter and committee performance;
- preparing the audit committee report that the Securities and Exchange Commission requires in our annual proxy statement; and
- reviewing and evaluating the performance of the Audit Committee, including compliance with its charter.

Compensation Committee

The members of our Compensation Committee are Messrs. Field, Albrecht, Ahern, Shalom and Wilks. Mr. Field is the chair of the Compensation Committee. Each member of our Compensation Committee is independent as defined under the Nasdaq Listing Rules and satisfies Nasdaq’s additional independence standards for compensation committee members. Messrs. Field, Albrecht, Ahern, Shalom and Wilks are non-employee directors within the meaning of Rule 16b-3 under the Exchange Act and outside directors as defined by Section 162(m) of the Internal Revenue Code. Our Compensation Committee assists our Board in the discharge of its responsibilities relating to the compensation of our executive officers. During 2025, our Compensation Committee did not hold any meetings and did not act by written consent without a meeting.

Under its charter, our Compensation Committee is responsible for, among other things:

- developing and maintaining an executive compensation policy and monitoring the results of that policy;
- recommending to our Board for approval compensation and benefit plans;

- reviewing and approving annually corporate and personal goals and objectives to serve as the basis for the CEO's compensation, evaluating the CEO's performance in light of those goals and objectives and determining the CEO's compensation based on that evaluation;
- determining and approving the annual compensation for other executive officers;
- retaining or obtaining the advice of a compensation consultant, outside legal counsel or other advisor;
- approving any grants of stock options, restricted stock, performance shares, stock appreciation rights, and other equity-based incentives to the extent provided under our equity compensation plans;
- reviewing and making recommendations to our Board regarding the compensation of non-employee directors; and
- reviewing and evaluating the performance of the Compensation Committee, including compliance with its charter.

Nominating and Corporate Governance Committee

The members of our Nominating and Corporate Governance Committee are Messrs. Field, Albrecht, Ahern, Shalom and Wilks. Mr. Field is the chair of the Nominating and Corporate Governance Committee. Each member of our Nominating and Corporate Governance Committee is independent as defined under the Nasdaq Listing Rules. During 2025, our Nominating and Corporate Governance Committee held one meeting and did not act by written consent without a meeting.

Under its charter, our Nominating and Corporate Governance Committee is responsible for, among other things:

- considering and reviewing periodically the desired composition of our Board;
- establishing any qualifications and standards for individual directors;
- identifying, evaluating and nominating candidates for election to our Board;
- ensuring that the members of our Board satisfy Securities and Exchange Commission and Nasdaq independence and other requirements relating to membership on our Board and committees;
- making recommendations to our Board regarding the size of the Board, the tenure and classifications of directors, and the composition of the committees of the Board;
- considering other corporate governance and related matters as requested by our Board; and
- reviewing and evaluating the performance of the Nominating and Corporate Governance Committee, including compliance with its charter.

Compensation of Non-Employee Directors

Currently, our non-employee directors receive a quarterly cash retainer of \$7,500. In addition, we reimburse all of our non-employee directors for travel and other necessary business expenses incurred in the performance of director services and extend coverage to them under our directors' and officers' indemnity insurance policies.

Compensation of Employee Director

Mr. Sams was compensated as a full-time employee and officer and therefore received no additional compensation for service as member of the Board During 2025. Information regarding the compensation awarded to Mr. Sams is included in "Executive Compensation and Related Information—Summary Compensation Table" below.

Compensation Committee Interlocks and Insider Participation

Since July 2016, all officer compensation and bonuses for executive officers has been determined by our Compensation Committee which is currently comprised of two independent directors.

None of our executive officers serves, or in the past has served, as a member of our Board or Compensation Committee, or other committee serving an equivalent function, of any entity that has one or more executive officers serving as members of our Board or our Compensation Committee. None of the members of our Compensation Committee is or has been an officer or employee of the Company.

Stockholder Recommendations for Nominations to our Board of Directors

Our Nominating and Corporate Governance Committee will consider recommendations for candidates to our Board from our stockholders. A stockholder that wishes to recommend a candidate for consideration by the committee as a potential candidate for director must direct the recommendation in writing to Polar Power, Inc., 249 E. Gardena Boulevard, Gardena, California 90248, Attention: Corporate Secretary, and must include the candidate's name, home and business contact information, detailed biographical data, relevant qualifications, class and number of shares of our capital stock that are held by the nominee, a signed letter from the candidate confirming willingness to serve, information regarding any relationships between us and the candidate and evidence of the recommending stockholder's ownership of our stock. Such recommendation must also include a statement from the recommending stockholder in support of the candidate, particularly within the context of the criteria for board membership, including issues of character, integrity, judgment, and diversity of experience, independence, area of expertise, corporate experience, potential conflicts of interest, other commitments and the like and personal references. Our Nominating and Corporate Governance Committee will consider the recommendation but will not be obligated to take any further action with respect to the recommendation.

Communications with the Board of Directors

In cases where stockholders or other interested parties wish to communicate directly with our non-management directors, messages can be sent to Polar Power, Inc., 249 E. Gardena Boulevard, Gardena, California 90248, Attention: Corporate Secretary. Our corporate secretary monitors these communications and will forward to our designated legal counsel to provide a summary of all received messages to the Board at each regularly scheduled meeting. Where the nature of a communication warrants, our designated legal counsel, may determine, in his or her judgment, to obtain the more immediate attention of the appropriate committee of the Board or non-management director, of independent advisors or of our management, as our designated legal counsel considers appropriate. Our designated legal counsel may decide in the exercise of his or her judgment whether a response to any stockholder or interested party communication is necessary. This procedure for stockholder and other interested party communications with

the non-management directors is administered by our Board. This procedure does not apply to (i) communications to non-management directors from our officers or directors who are stockholders, (ii) stockholder proposals submitted pursuant to Rule 14a-8 under the Exchange Act, or (iii) communications to the Audit Committee pursuant to our procedures for complaints regarding accounting and auditing matters.

Code of Business Conduct and Ethics

We have adopted a written code of business conduct and ethics that applies to our directors, officers and employees, including our principal executive officer, principal financial officer, principal accounting officer or controller, or persons performing similar functions. A copy of the code is available on the investor relations section of our website, which is located at <https://polarpower.com/>. If we make any substantive amendments to, or grant any waivers from, the code of business conduct and ethics for any officer or director, we will disclose the nature of such amendment or waiver on our website or in a current report on Form 8-K.

Director Compensation Table

The following table summarizes the compensation of our non-employee directors for the year ended December 31, 2025.

Name	Fees Earned in Cash (\$)	Stock Awards (\$)	Option Awards (\$)	Total Return ⁽¹⁾ (\$)
Keith Albrecht	30,000	—	—	30,000
Katherine Koster	30,000	—	—	30,000
Michael G. Field	30,000	—	—	30,000
Jim Ahern ⁽²⁾	—	—	—	—
Menachem “Menny” Shalom ⁽²⁾	—	—	—	—
Lewis Wilks ⁽²⁾	—	—	—	—

(1) The value of perquisites and other personal benefits was less than \$10,000 in aggregate for each director.

(2) Jim Ahern, Menachem “Menny” Shalom and Lewis Wilks have served as members of our Board since August 2026.

Indemnification of Directors and Officers

Section 145 of the Delaware General Corporation Law, or the DGCL, provides that a corporation may indemnify directors and officers as well as other employees and individuals against expenses (including attorneys’ fees), judgments, fines and amounts paid in settlement actually and reasonably incurred by such person in connection with any threatened, pending or completed actions, suits or proceedings in which such person is made a party by reason of such person being or having been a director, officer, employee or agent to the corporation. The DGCL provides that Section 145 is not exclusive of other rights to which those seeking indemnification may be entitled under any bylaw, agreement, vote of stockholders or disinterested directors or otherwise. Sections of our Charter and our bylaws provide for indemnification by us of our directors, officers, employees and agents to the fullest extent permitted by the DGCL.

Article XI of our Charter eliminates the liability of a director or stockholder for monetary damages for breach of fiduciary duty as a director, except to the extent such exemption from liability or limitation thereof is not permitted under the DGCL. Under Section 102(b)(7) of the DGCL, a director shall not be exempt from liability for monetary damages for any liabilities arising (i) from any breach of the director’s duty of loyalty to the corporation or its stockholders, (ii) from acts or omissions not in good faith or which involve intentional misconduct or a knowing violation of law, (iii) under Section 174 of the DGCL, or (iv) for any transaction from which the director derived an improper personal benefit.

We have entered into agreements to indemnify our directors and officers as determined by our Board. These agreements provide for indemnification of related expenses including attorneys’ fees, judgments, fines and settlement amounts incurred by any of these individuals in any action or proceeding. We believe that these indemnification agreements are necessary to attract and retain qualified persons as directors and officers. We also maintain directors’ and officers’ liability insurance.

The limitation of liability and indemnification provisions in our Charter and our bylaws may discourage stockholders from bringing a lawsuit against our directors for breach of their fiduciary duty. They may also reduce the likelihood of derivative litigation against our directors and officers, even though an action, if successful, might benefit us and other stockholders. Furthermore, a stockholder’s investment may be adversely affected to the extent that we pay the costs of settlement and damage awards against directors and officers as required by these indemnification provisions.

Insofar as indemnification for liabilities arising under the Securities Act of 1933, as amended (the “Securities Act”), may be permitted to our directors, officers and controlling persons under the foregoing provisions of our Charter or our bylaws, or otherwise, we have been informed that in the opinion of the Securities and Exchange Commission, this indemnification is against public policy as expressed in the Securities Act and is therefore unenforceable.

PROPOSAL TWO

RATIFICATION OF APPOINTMENT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM

Our Audit Committee has appointed the independent registered public accounting firm of Weinberg & Company, P.A. to audit and comment on our financial statements for the year ending December 31, 2026, and to conduct whatever audit functions are deemed necessary. Weinberg & Company, P.A. audited our financial statements for the year ended December 31, 2025 that were included in our most recent Annual Report on Form 10-K.

A representative of Weinberg & Company, P.A. will not be present at the Annual Meeting.

Required Vote of Stockholders

Although a vote of stockholders is not required on this proposal, our Board is asking our stockholders to ratify the appointment of our independent registered public accounting firm. The ratification of the appointment of our independent registered public accounting firm requires the affirmative votes of a majority of the voting power of the shares present in person or represented by proxy at the meeting and entitled to vote on the subject matter.

In the event that our stockholders do not ratify the appointment of Weinberg & Company, P.A. as our independent registered public accounting firm, the appointment will be reconsidered by our Audit Committee. Even if the appointment is ratified, our Audit Committee, in its discretion, may direct the appointment of a different independent registered public accounting firm at any time during the year if the Audit Committee believes that such a change would be in our and our stockholders’ best interests.

OUR BOARD UNANIMOUSLY RECOMMENDS A VOTE “**FOR**” RATIFICATION OF THE APPOINTMENT OF WEINBERG & COMPANY, P.A. TO SERVE AS OUR INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM FOR THE YEAR ENDING DECEMBER 31, 2026.

PROPOSAL THREE

APPROVAL OF ISSUANCE OF SHARES OF COMMON STOCK FOR PURPOSES OF NASDAQ LISTING RULE 5635(D)

We are asking stockholders to approve, for purposes of Nasdaq Listing Rule 5635(d), the issuance of shares of our common stock in connection with our recent financing transactions in an amount that may exceed the limit that would otherwise apply without stockholder approval.

Background of the Financings

In connection with the Company’s restructuring and its efforts to restore compliance with Nasdaq’s continued-listing standards, the Company entered into the following financing arrangements (collectively, the “Financings”):

206,434 and 1,000,000 Shares Issuable to CFI and Monroe, Respectively, under Convertible Note Financings

On May 21, 2026, we issued (i) a 6% convertible redeemable note to CFI Capital LLC in the aggregate principal amount of \$600,000, for which we received net proceeds of approximately \$500,000, and (ii) a 6% convertible redeemable note to Monroe Street Capital Partners, LP in the aggregate principal amount of \$370,600, for which we received net proceeds of approximately \$307,100. Each note matures twelve months after issuance and, beginning six months after issuance, is convertible into shares of common stock at a conversion price equal to 80% of the lowest daily volume-weighted average price of our common stock over the ten trading days prior to conversion (with the conversion price decreasing to 65% of the lowest trading price over a twenty-trading-day lookback if our common stock is delisted from Nasdaq). In a related side letter, we agreed to seek stockholder approval, within 60 days, to permit issuances of common stock under these notes in excess of 19.99% of our outstanding shares.

763,889 Shares Issuable to Mayers under Convertible Note Financing

On June 30, 2026, we issued to Mayers a convertible promissory note in the aggregate principal amount of \$275,000. The consideration price of the note was \$250,000. The note has an interest rate of 10% per annum, and the maturity date is December 30, 2027. It is convertible into shares of common stock at a conversion price equal to 90% of the lowest daily volume-weighted average price of our common stock over the seven trading days prior to conversion.

1,789,173 and 83,841 Shares Issuable to LU2 and Mayers, Respectively, under Series A Convertible Preferred Stock and Warrants Financing

On July 21, 2026, we issued and sold to LU2 Holdings LLC (“LU2”), in a private placement, 500 shares of our Series A Convertible Preferred Stock, par value \$0.0001 per share (the “Series A Preferred”), having an aggregate stated value of \$500,000, together with warrants to purchase an aggregate of 226,673 and 83,841 shares of common stock at an exercise price of \$1.64 per share, to LU2 and Mayers, respectively. The Series A Preferred has a stated value of \$1,000 per share, accrues a 10% payment-in-kind dividend, is perpetual, ranks senior to our common stock, and is convertible into common stock at a price equal to 90% of the lowest VWAP over the seven consecutive trading days immediately preceding the applicable conversion date, but not less than the floor price.

On September 2, 2026, Mayers assigned the convertible note and warrants to Mandragola Ltd. (“Mandragola”).

Shares Issuable to Roth Principal Investments under ELOC

On July 27, 2026, we entered into a Common Stock Purchase Agreement (the “Purchase Agreement”) and a related Registration Rights Agreement (the “Registration Rights Agreement”) with Roth Principal Investments. Under the Purchase Agreement, upon the initial satisfaction of each of the conditions to Roth Principal Investments’ purchase obligations set forth in the Purchase Agreement (the initial satisfaction of all of such conditions, the “Commencement”), none of which are within Roth Principal Investments’ control, including that the registration statement that includes this prospectus shall have been declared effective by the SEC, we have the right, but not the obligation, to sell to Roth Principal Investments, and Roth Principal Investments is obligated to purchase, from time to time over a 36-month period (unless the Purchase Agreement is earlier terminated), beginning on the date on which the Commencement occurs (such date, the “Commencement Date”), up to the lesser of (i) \$25,000,000 in aggregate gross purchase price of common stock and (ii) the number of shares of common stock that does not exceed 19.99% of the shares of our common stock outstanding immediately prior to the execution of the Purchase Agreement (the “Exchange Cap”). The purchase price per share is 97% of the volume-weighted average price of our common stock over the applicable purchase period for market open purchases and intraday purchases, and 95% of such volume-weighted average price for pre-market and post-market (extended hours) purchases, in each case subject to a \$0.50 threshold price below which we may not require purchases. We agreed to pay Roth Principal Investments a \$500,000 for a cash commitment fee, equal to 2.0% of the \$25,000,000 commitment, payable exclusively through Roth Principal Investments’ withholding of 10% of the purchase price otherwise payable to us in connection with each purchase. Sales under the Purchase Agreement are subject to the effectiveness of the registration statement of which this prospectus forms a part, a 4.99% beneficial ownership limitation, and the Exchange Cap until we obtain stockholder approval. Other than a prohibition, subject to certain exceptions, on our entering into specified “Variable Rate Transactions” (as defined in the Purchase Agreement) during the term of the Purchase Agreement, there are no restrictions on future financings, rights of first refusal, participation rights, penalties or liquidated damages in the Purchase Agreement or the Registration Rights Agreement. Roth Principal Investments has agreed that it will not engage in or effect, directly or indirectly, any short sales of the common stock or any hedging transaction that establishes a net short position in the common stock during the term of the Purchase Agreement. The registration statement of which this prospectus forms a part is being filed to satisfy our obligations under the Registration Rights Agreement. See “The Committed Equity Facility.”

Our ability to draw on the Committed Equity Facility is, as a practical matter, limited to approximately \$1.3 million, approximately 5.1% of the \$25.0 million commitment, until we obtain stockholder approval under Nasdaq Rule 5635(d), and we do not currently have a sufficient number of authorized and unissued shares of common stock to draw the facility in full at lower prices.

2,696,887 and 991,195 Shares Issuable to CL Investment and LU2, Respectively, Under Series A Convertible Preferred Stock and Warrants Financing

On August 5, 2026, we issued and sold 838 shares and 278 shares of Series A Preferred, along with warrants to purchase 227,182 and 75,758 shares of common stock, to CL Investment and LU2, respectively. The Series A Preferred has a stated value of \$1,000 per share, accrues a 10% payment-in-kind dividend, is perpetual, ranks senior to our common stock, and is convertible into common stock at a price equal to 90% of the lowest VWAP over the seven consecutive trading days immediately preceding the applicable conversion date, but not less than the floor price.

82,500 and 82,500 Shares Issuable to CL Investment and LU2, Respectively, Under Convertible Note Financing

On August 28, 2026, we issued and sold two convertible promissory notes, in an aggregate principal amount of \$165,000, to CL Investment and LU2 for aggregate

consideration of \$150,000. Each note will bear interest of 1% per month and matures on November 26, 2026, at which point, if not repaid in cash in full, it will convert in full into shares of its common stock at a price equal to the lower of (1) 80% of the volume weighted average price of a share of the common stock on Nasdaq over the five trading day period ending on the maturity date and (2) \$1.00 per share. We agreed to use all net proceeds from any sale of our common stock under the under the Purchase Agreement with Roth to repay amounts due under the notes until all amounts owing under each note have been paid in full.

Why Stockholder Approval Is Required

Our common stock is listed on the Nasdaq Capital Market, and, as such, we are subject to the applicable rules of the Nasdaq Stock Market LLC, including Nasdaq Listing Rule 5635(d), which requires stockholder approval prior to the sale, issuance, or potential issuance by a listed company, in a transaction other than a public offering, of shares of common stock (or securities convertible into or exercisable for common stock) equal to 20% or more of the common stock outstanding or 20% or more of the voting power outstanding before the issuance for a price that is less than the lower of (i) the company's Nasdaq Official Closing Price (as reflected on Nasdaq.com) immediately preceding the signing of the binding agreement, or (ii) the average of the company's Nasdaq Official Closing Price of the common stock (as reflected on Nasdaq.com) for the five trading days immediately preceding the signing of the binding agreement (the "Minimum Price").

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Because shares issuable under the Financings may, in the aggregate, equal or exceed 20% of our outstanding common stock at a price below the Minimum Price, stockholder approval is required. Pending such approval, issuances are limited to the 19.99% Exchange Cap.

Potential Adverse Effects of this Proposal

If this Proposal Three is approved, the issuance of common stock under the Financings could result in substantial dilution to the interests of existing holders of our common stock.

Each share of common stock that would be issuable to the holders of convertible notes, warrants and Series A Preferred upon conversion/exercise would have the same rights and privileges as each of our currently outstanding shares of common stock. The issuance of common stock to the investors will not affect the rights of the holders of our outstanding shares of common stock, however, as shares of common stock are issued upon conversion of the notes and Series A Preferred, exercise of the warrants and under the ELOC, the ownership interest of our existing stockholders would be correspondingly reduced, and they would therefore have less ability to influence corporate decisions requiring stockholder approval.

As of the Record Date, there were [] shares of our common stock outstanding. The Company has filed two registration statements to register the resale of an aggregate of [26,906,425] shares of common stock. If this Proposal Three is approved and all [26,906,425] shares of our common stock that we are registering for resale by the investors were issued and outstanding as of the Record Date, such shares would represent approximately six times of the total number of outstanding shares of common stock. Unless we obtain stockholder approval, we may not sell more than the Exchange Cap of 19.99% of shares of common stock issued and outstanding.

Additionally, the sale of a substantial number of common stock to the investors, or the anticipation of such sales, could make it more difficult for us to sell equity or equity-related securities in the future at a time and at a price that we might otherwise wish to effect sales. In addition, the common stock issuable pursuant to the terms of the Financings may represent overhang that may also adversely affect the market price of our common stock. Overhang occurs when there is a greater supply of a company's stock in the market than there is demand for that stock. When this happens the price of our common stock will decrease, and any additional shares which stockholders attempt to sell in the market will only further decrease the share price. If the share volume of our common stock cannot absorb shares of common stock sold by the investors, then the value of our common stock will likely decrease.

Interests of Directors and Executive Officers

Our directors and executive officers have no substantial interests, directly or indirectly, in the matters set forth in this Proposal Three except to the extent of their ownership of shares of our common stock.

Consequences if Approval Is Not Obtained

If stockholders do not approve this proposal, issuances under the Financing will remain limited to the Exchange Cap, which could trigger defaults, liquidated damages, or the obligation to seek approval again and could adversely affect the Company's liquidity, its Nasdaq compliance plan and its ability to obtain alternative financing.

No separate change-of-control approval is being sought.

Because the beneficial-ownership blockers (9.99% and 4.99%) prevent any investor from acquiring shares representing 20% or more of the voting power or otherwise obtaining control, the Company does not believe Nasdaq Rule 5635(b) is implicated.

Required Vote of Stockholders

In accordance with our Charter and Delaware law, approval of this Proposal Three requires the affirmative votes of a majority of the voting power of the shares present in person or represented by proxy at the meeting and entitled to vote on the subject matter, provided that the stockholders of shares of Series A Preferred may not vote such shares upon this proposal. Brokers do not have discretionary authority to vote on this proposal. Broker non-votes, if any, will have no effect on the outcome of this proposal. Abstentions will have the same effect as a vote "AGAINST" this proposal.

Recommendation of the Board of Directors

OUR BOARD UNANIMOUSLY RECOMMENDS A VOTE "**FOR**" THE APPROVAL OF ISSUANCE OF SHARES OF COMMON STOCK FOR PURPOSES OF NASDAQ LISTING RULE 5635(D).

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PROPOSAL FOUR

APPROVAL OF AN AMENDMENT TO THE CHARTER TO EFFECT A REVERSE STOCK SPLIT

General

Our Board has determined that it is advisable and in the best interests of the Company and our stockholders to amend the Company's Charter in substantially the form attached to this Proxy Statement as Appendix A ("Reverse Split Charter Amendment"), to effect a reverse stock split of all of our issued and outstanding common stock, at a specific ratio, ranging from one-for-three to one-for-twenty (the "Approved Split Ratios"), with the timing and ratio to be determined by the Board if effected (the "Reverse Split").

The primary goal of the Reverse Split is to increase the per share market price of our common stock to meet the minimum per share bid price requirements for continued listing on Nasdaq. We believe that a range of reverse split ratios provides us with the most flexibility to achieve the desired results of the Reverse Split.

Under the Nasdaq rules, if a company has a cumulative split ratio of 250-to-1 or more over a rolling two-year period, it is ineligible for any compliance period. On November 18, 2024, we effected a 1:7 reverse stock split of the Company's common stock. As a result, if we implement a reverse stock split more than 1:35.7 prior to November 18, 2026, we would not be eligible for any compliance period.

A vote for this Proposal Four will constitute approval of the Reverse Split that, if and when effected by our Board by filing the Reverse Split Charter Amendment with the Secretary of State of the State of Delaware, would combine up to every 20 shares of our outstanding common stock into one share of our common stock. If implemented, the Reverse Split will have the effect of decreasing the number of shares of our common stock issued and outstanding. Because the number of authorized shares of our common stock will not be reduced in connection with the Reverse Split, the Reverse Split will result in an effective increase in the authorized number of shares of our common stock available for issuance in the future.

Accordingly, stockholders are asked to approve the Reverse Split Charter Amendment set forth in Appendix A for a Reverse Split consistent with those terms set forth in this Proposal Four, and to grant authorization to the Board to determine, in its sole discretion, whether or not to implement the Reverse Split, as well as its specific ratio within the range of the Approved Split Ratios. The text of Appendix A remains subject to modification to include such changes as may be required by the Secretary of State of the State of Delaware and as our Board deems necessary or advisable to implement the Reverse Split.

If approved by the holders of our outstanding voting securities and pursued by the Board, the Reverse Split would be applied at an Approved Split Ratio approved by the Board prior to December 31, 2027, and would become effective upon the time specified in the Reverse Split Charter Amendment as filed with the Secretary of State of the State of Delaware. The Board reserves the right to elect to abandon the Reverse Split if it determines, in its sole discretion, that the Reverse Split is no longer in the best interests of us and our stockholders.

Purpose and Rationale for the Reverse Split

Avoid Delisting from the Nasdaq.

The primary purpose of the Reverse Split is to increase the per share price of our common stock in order to maintain the listing of our common stock on Nasdaq. The Reverse Split, if effected, would have the immediate effect of increasing the price of our common stock as reported on Nasdaq. Failure to approve the Reverse Split may potentially have serious, adverse effects on us and our stockholders. Although we already conducted a 1:7 reverse stock split of the Company's common stock on November 18, 2024, our common stock may be sold for a substantial period of time at a low price per share, especially after the share issuance under the Financings. As a result, Nasdaq may decide that we are not in compliance with the continued listing standard. If our common stock is delisted from Nasdaq, our common stock could then trade on the OTC Bulletin Board or other small trading markets, such as the pink sheets, which are generally considered to be less efficient markets. In that event, our common stock could trade thinly as a microcap or penny stock, adversely decrease to nominal levels of trading, and may be avoided by retail and institutional investors, resulting in the impaired liquidity and increased transaction costs of trading in shares of our common stock.

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We believe proposing multiple ratios for the Reverse Split, rather than proposing that stockholders approve a specific ratio at this time, provides the Board with the most flexibility to achieve the desired results of the Reverse Split.

Our Board strongly believes that the Reverse Split is necessary to maintain our listing on Nasdaq. Accordingly, the Board has proposed the Reverse Split Charter Amendment for approval by our stockholders at the Annual Meeting to permit the Board to effect the Reverse Split if the Board determines it is advisable prior to December 31, 2027.

Other Effects.

The Board also believes that the increased market price of our common stock expected as a result of implementing the Reverse Split could improve the marketability and liquidity of our common stock and will encourage interest and trading in our common stock. The Reverse Split, if effected, could allow a broader range of institutions to invest in our common stock (namely, funds that are prohibited from buying stock whose price is below a certain threshold), potentially increasing the trading volume and liquidity of our common stock. The Reverse Split could help increase analyst and broker's interest in common stock, as their policies can discourage them from following or recommending companies with low stock prices. Because of the trading volatility often associated with low-priced stocks, many brokerage houses and institutional investors have internal policies and practices that either prohibit them from investing in low-priced stocks or tend to discourage individual brokers from recommending low-priced stocks to their customers. Some of those policies and practices may make the processing of trades in low-priced stocks economically unattractive to brokers. Additionally, because brokers' commissions on low-priced stocks generally represent a higher percentage of the stock price than commissions on higher-priced stocks, a low average price per share of our common stock can result in individual stockholders paying transaction costs representing a higher percentage of their total share value than would be the case if the share price were higher.

Having an increased number of authorized but unissued shares of common stock available would provide additional flexibility regarding the potential use of our shares of common stock for business and financial purposes in the future and allow us to take prompt action with respect to corporate opportunities that develop, without the delay and expense of convening a special meeting of stockholders for the purpose of approving an increase in our authorized shares of common stock. The additional shares of common stock could be used for various purposes without further stockholder approval. These purposes may include: (i) raising capital, if we have an appropriate opportunity, through offerings of common stock or securities that are convertible into common stock; (ii) expanding our business through potential strategic transactions, including mergers, acquisitions, licensing transactions and other business combinations or acquisitions of new product candidates or products; (iii) establishing strategic relationships with other companies; (iv) exchanges of common stock or securities that are convertible into common stock for other outstanding securities; (v) providing equity incentives pursuant to our Polar Power, Inc. 2026 Equity Incentive Plan (the "2026 Plan"), or another plan we may adopt in the future, to attract and retain employees, officers or directors; and (vi) other general corporate purposes. We intend to use the additional shares of common stock that will be available to undertake any such issuances described above. Because it is anticipated that our directors and executive officers will be granted additional equity awards under our 2026 Plan, or another plan we adopt in the future, they may be deemed to have an indirect interest in the Reverse Split Charter Amendment, because absent the Reverse Split Charter Amendment, we may not have sufficient authorized shares of common stock to grant such awards.

An increase in authorized our shares of common stock available for issuance would not have any immediate effect on the rights of existing stockholders. However, because the holders of our common stock do not have any preemptive rights, future issuance of shares of common stock or securities exercisable for or convertible into shares of common stock could have a dilutive effect on our earnings per share, book value per share, voting rights of stockholders and could have a negative effect on the price of our common stock.

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Disadvantages to an increase in the number of authorized shares of common stock may include:

- Stockholders may experience further dilution of their ownership;
- Stockholders will not have any preemptive or similar rights to subscribe for or purchase any additional shares of common stock that may be issued in the future, and therefore, future issuances of common stock, depending on the circumstances, will have a dilutive effect on the earnings per share, voting power, and other interests of our existing stockholders;
- The additional shares of common stock that would become available for issuance due to this Proposal Four would be part of the existing class of shares of common stock and, if and when issued, would have the same rights and privileges as the shares of common stock presently outstanding; and
- The issuance of authorized but unissued shares of common stock could be used to deter a potential takeover of us that may otherwise be beneficial to stockholders by diluting the shares of common stock held by a potential suitor or issuing shares of common stock to a stockholder that will vote in accordance with the Board's desires. A takeover may be beneficial to independent stockholders because, among other reasons, a potential suitor may offer such stockholders a premium for their shares of common stock compared to the then-existing market price. We do not have any plans or proposals to adopt provisions or enter into agreements that may have material anti-takeover consequences.

Our Board does not intend for this transaction to be the first step in a series of plans or proposals effect a “going private transaction” within the meaning of Rule 13e-3 of the Exchange Act.

We have in the past conducted certain public and private offerings of common stock, preferred stock, convertible notes and warrants, and we may continue to require additional capital in the future to fund our operations. As a result, it is foreseeable that we may seek to issue such additional shares of common stock in connection with any such capital raising activities, or any of the other activities described above. The Board does not intend to issue any common stock or securities convertible into common stock except on terms that the Board deems to be in the best interests of us and our stockholders.

Risks of the Proposed Reverse Split

We cannot assure you that the proposed Reverse Split will increase the price of our common stock and have the desired effect of maintaining compliance with Nasdaq

If the Reverse Split is implemented, our Board expects that it will increase the market price of our common stock so that we are able to maintain compliance with the Nasdaq minimum bid price requirement. However, the effect of the Reverse Split upon the market price of our common stock cannot be predicted with any certainty, and we cannot assure you that the Reverse Split will accomplish this objective for any meaningful period of time, or at all. It is possible that (i) the per share price of our common stock after the Reverse Split will not rise in proportion to the reduction in the number of shares of our common stock outstanding resulting from the Reverse Split, (ii) the market price per post-Reverse Split share may not exceed or remain in excess of the \$1.00 minimum bid price for a sustained period of time, or (iii) the Reverse Split may not result in a per share price that would attract brokers and investors who do not trade in lower priced stocks. Even if the Reverse Split is implemented, the market price of our common stock may decrease due to factors unrelated to the Reverse Split. In any case, the market price of our common stock will be affected by other factors which may be unrelated to the number of shares of common stock outstanding, including our business and financial performance, general market conditions, and prospects for future success. Even if the market price per post-Reverse Split share of our common stock remains in excess of \$1.00 per share, we may be delisted due to a failure to meet other continued listing requirements, including Nasdaq requirements related to the minimum number of shares of common stock that must be in the public float and the minimum market value of the public float.

The proposed Reverse Split may decrease the liquidity of our common stock

The Board believes that the Reverse Split will result in an increase in the market price of our common stock, which could lead to increased interest in our common stock and possibly promote greater liquidity for our stockholders. However, the Reverse Split will also reduce the total number of outstanding shares of common stock, which may lead to reduced trading and a smaller number of market makers for our common stock, particularly if the price per share of our common stock does not increase as a result of the Reverse Split.

The Reverse Split may result in some stockholders owning “odd lots” that may be more difficult to sell or require greater transaction costs per share to sell.

If the Reverse Split is implemented, it will increase the number of stockholders who own “odd lots” of less than 100 shares of common stock. A purchase or sale of less than 100 shares of common stock (an “odd lot” transaction) may result in incrementally higher trading costs through certain brokers, particularly “full service” brokers. Therefore, those stockholders who own fewer than 100 shares of common stock following the Reverse Split may be required to pay higher transaction costs if they sell their common stock.

The Reverse Split may lead to a decrease in our overall market capitalization.

The Reverse Split may be viewed negatively by the market and, consequently, could lead to a decrease in our overall market capitalization. If the per share market price of our common stock does not increase in proportion to the split ratio, or following such increase does not maintain or exceed such price, then the value of our Company, as measured by our market capitalization, will be reduced. Additionally, any reduction in our market capitalization may be magnified as a result of the smaller number of total shares of common stock outstanding following the Reverse Split.

Determination of the Ratio for the Reverse Split

If Proposal Four is approved by stockholders and the Board determines that it is in the best interests of the Company and its stockholders to move forward with the Reverse Split, the Approved Split Ratio will be selected by the Board, in its sole discretion. However, the Approved Split Ratio will not be less than a ratio of one-for-three (1:3) or exceed a ratio of one-for-twenty (1:20). In determining which Approved Split Ratio to use, the Board will consider numerous factors, including, among other things:

- our ability to maintain the listing of our common stock on The Nasdaq Capital Market;
- the per share price of our common stock immediately prior to the Reverse Split;
- the expected stability of the per share price of our common stock following the Reverse Split;
- the likelihood that the Reverse Split will result in increased marketability and liquidity of our common stock;
- prevailing market conditions;
- general economic conditions in our industry; and
- our market capitalization before and after the Reverse Split.

The purpose of selecting a range is to give the Board the flexibility to meet business needs as they arise, to take advantage of favorable opportunities and to respond to a changing corporate environment. Based on the number of shares of common stock issued and outstanding as of [●], 2026, after completion of the Reverse Split, we will have between [●] and [●] shares of common stock issued and outstanding, depending on the Approved Split Ratio selected by the Board.

Principal Effects of the Reverse Split

After the effective date of the proposed Reverse Split, each stockholder will own a reduced number of shares of common stock. Except for adjustments that may result from the treatment of fractional shares of common stock as described below, the proposed Reverse Split will affect all stockholders uniformly. The proportionate voting rights and other rights and preferences of the holders of our shares of common stock will not be affected by the proposed Reverse Split (subject to the treatment of fractional shares of common stock). For example, a holder of 2% of the voting power of the outstanding shares of common stock immediately prior to a Reverse Split would continue to hold 2% of the voting power of the outstanding shares of common stock immediately after such Reverse Split. The number of stockholders of record also will not be affected by the proposed Reverse Split, except to the extent that as described below in "Treatment of Fractional Shares", record stockholders otherwise entitled to a fractional share as a result of the Reverse Split because they hold a number of shares of common stock not evenly divisible by the Approved Split Ratio will automatically be entitled to receive an additional fraction of a share, to round up to the next whole share. In any event, cash will not be paid for fractional shares of common stock.

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The following table contains the approximate number of issued and outstanding shares of common stock, and the estimated per share trading price following a 1:3 to 1:20 Reverse Split, without giving effect to any adjustments for fractional shares of common stock or the issuance of any derivative securities, as of [●].

After Each Reverse Split Ratio

	Current	1:3	1:10	1:20
Common Stock Authorized (1)	50,000,000	50,000,000	50,000,000	50,000,000
Common Stock Issued and Outstanding	4,211,5464	1,403,855	421,156]	210,578
Number of Shares of Common Stock Reserved for Issuance (2)	20,951,305	6,983,768	2,095,131	1,047,565
Number of Shares of Common Stock Authorized but Unissued and Unreserved	24,834,634	41,611,545	47,483,463	48,741,732
Price per Share, based on the closing price of our Common Stock on [●], 2027	\$ []	[]	[]	[]

1. The Reverse Split will not have any impact in the number of shares of common stock we are authorized to issue under our Charter.
2. Includes (i) options to purchase an aggregate of 12,858 shares of common stock with a weighted average exercise price of \$37.42 per share, (ii) 750,000 shares of common stock reserved for future issuance under the 2026 Plan, and (iii) 20,951,305 shares of common stock reserved for future issuance under the Financings.

Effect on Preferred Stock

As of [●], 2026, we had 1,611 shares of Series A Preferred issued and outstanding. The Reverse Split will not have any effect on our preferred stock. If the Reverse Stock Split is implemented, the conversion ratio applicable to our shares of Series A Preferred will be proportionately adjusted to reflect the Reverse Split, including the number of shares purchasable upon conversion of such Series A Preferred.

Effect on Other Outstanding Derivative Securities

The Reverse Split will require that proportionate adjustments be made to the conversion rate, the per share exercise price, and the number of shares issuable upon the vesting, exercise, or conversion of the following outstanding derivative securities issued by us, in accordance with the Approved Split Ratio (all figures are as of [●], 2026 and are on a pre-Reverse Split basis), including:

- 12,858 shares of common stock issuable upon the exercise of options outstanding as of [●], with a weighted average exercise price of \$37.42 per share;
- 750,000 shares of common stock reserved for future issuance under the 2026 Plan;
- Shares of common stock issuable upon conversion of the \$1,245,600 principal amount of convertible notes we issued in May 2026 and June 2026;
- 613,454 shares issuable upon exercise of the warrants we issued in July and August 2026; and
- Shares of common stock issuable upon conversion of the \$165,000 principal amount of convertible notes we issued in August 2026.

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The adjustments to the above securities, as required by the Reverse Split and in accordance with the Approved Split Ratio, would result in approximately the same aggregate price being required to be paid under such securities upon exercise, and approximately the same value of shares of common stock being delivered upon such exercise or conversion, immediately following the Reverse Split as was the case immediately preceding the Reverse Split.

Effect on Stock Option Plans

As of [●], we had 12,858 shares of common stock underlying options, as well as 750,000 shares of common stock available for issuance under the 2026 Plan. Pursuant to the terms of the 2026 Plan, the Board, or a designated committee thereof, as applicable, will adjust the number of shares of common stock underlying outstanding awards, the exercise price per share of outstanding stock options, and other terms of outstanding awards issued pursuant to the 2026 Plan to equitably reflect the effects of the Reverse Split. The number of shares subject to vesting under restricted stock awards and the number of shares issuable as contingent consideration as part of an acquisition by the Company will be similarly adjusted, subject to our treatment of fractional shares. Furthermore, the number of shares available for future grant under the 2026 Plan will be similarly adjusted.

Effective Date

If approved by the holders of our outstanding voting securities and pursued by the Board, the proposed Reverse Split would become effective on the date of filing of the Reverse Split Charter Amendment with the office of the Secretary of State of the State of Delaware. On the effective date, shares of common stock issued and outstanding immediately prior thereto will be combined and converted, automatically and without any action on the part of our stockholders, into new shares of common stock in accordance with the Approved Split Ratio set forth in this Proposal Four. If the proposed Reverse Split Charter Amendment is not approved by our stockholders, the Reverse Split will not occur.

Treatment of Fractional Shares

No fractional shares of common stock will be issued as a result of the Reverse Split. Instead, stockholders who otherwise would be entitled to receive fractional shares because they hold a number of shares not evenly divisible by the Approved Split Ratio will automatically be entitled to receive an additional fraction of a share of common stock, to round up to the next whole share. In any event, cash will not be paid for fractional shares.

Effect on “Book-Entry” Holders of common stock

If the Reverse Split is authorized by our stockholders and our Board elects to implement the Reverse Split, stockholders of record holding some or all of their shares of common stock electronically in book-entry form under the direct registration system for securities will receive a transaction statement at their address of record indicating the number of shares of common stock they hold after the Reverse Split. Stockholders holding common stock in “street name” through a bank, broker, or other nominee should note that such banks, brokers, or other nominees may have different procedures for processing the consolidation for fractional shares than those that would be put in place by us for registered stockholders. If you hold your shares with such a bank, broker, or other nominee and if you have questions in this regard, you are encouraged to contact your nominee.

Exchange of Stock Certificates

If the Reverse Split is authorized by the stockholders and our Board elects to implement the Reverse Split, stockholders of record holding some or all of their shares in certificate form will receive a letter of transmittal, as soon as practicable after the effective date of the Reverse Split. Our transfer agent will act as “exchange agent” for the purpose of implementing the exchange of stock certificates. Holders of pre-Reverse Split shares will be asked to surrender to the exchange agent certificates representing pre-Reverse Split shares in exchange for post-Reverse Split shares in accordance with the procedures to be set forth in the letter of transmittal. Until surrender, each certificate representing shares before the Reverse Split would continue to be valid and would represent the adjusted number of whole shares based on the approved exchange ratio of the Reverse Split selected by the Board. No new post-Reverse Split share certificates will be issued to a stockholder until such stockholder has surrendered such stockholder’s outstanding certificate(s) together with the properly completed and executed letter of transmittal to the exchange agent.

In connection with the Reverse Split, the CUSIP number for the common stock will change from its current CUSIP number. This new CUSIP number will appear on any new stock certificates issued representing post-split shares.

STOCKHOLDERS SHOULD NOT DESTROY ANY PRE-SPLIT STOCK CERTIFICATE AND SHOULD NOT SUBMIT ANY CERTIFICATES UNTIL THEY ARE REQUESTED TO DO SO.

Accounting Consequences

The par value per share of common stock would remain unchanged at \$0.0001 per share after the Reverse Split. As a result, on the effective date of the Reverse Split, the stated capital on our balance sheet attributable to the common stock will be reduced proportionally, based on the Approved Split Ratio selected by the Board, from its present amount, and the additional paid-in capital account shall be credited with the amount by which the stated capital is reduced. The per share common stock net income or loss and net book value will be increased because there will be fewer shares of common stock outstanding. The shares of common stock held in treasury, if any, will also be reduced proportionately based on the Approved Split Ratio selected by the Board. Retroactive restatement will be given to all share numbers in the financial statements, and accordingly all amounts including per share amounts will be shown on a post-split basis. We do not anticipate that any other accounting consequences would arise as a result of the Reverse Split.

No Appraisal Rights

Our stockholders are not entitled to dissenters’ or appraisal rights under the Delaware General Corporation Law with respect to this Proposal Four, and we will not independently provide our stockholders with any such right if the Reverse Split is implemented.

Material Federal U.S. Income Tax Consequences of the Reverse Split

The following is a summary of certain material U.S. federal income tax consequences of a Reverse Split to our stockholders. The summary is based on the Internal Revenue Code of 1986, as amended (the “Code”), applicable Treasury Regulations promulgated thereunder, judicial authority and current administrative rulings and practices as in effect on the date of this Proxy Statement. Changes to the laws could alter the tax consequences described below, possibly with retroactive effect. We have not sought and will not seek an opinion of counsel or a ruling from the Internal Revenue Service regarding the federal income tax consequences of a Reverse Split. This discussion only addresses stockholders who hold common stock as capital assets. It does not purport to be complete and does not address stockholders subject to special tax treatment under the Code, including, without limitation, financial institutions, tax-exempt organizations, insurance companies, dealers in securities, foreign stockholders, stockholders who hold their pre-reverse stock split shares as part of a straddle, hedge or conversion transaction, and stockholders who acquired their pre-reverse stock split shares pursuant to the exercise of employee stock options or otherwise as compensation. If a partnership (or other entity treated as a partnership for U.S. federal income tax purposes) is the beneficial owner of our common stock, the U.S. federal income tax treatment of a partner in the partnership will generally depend on the status of the partner and the activities of the partnership. Accordingly, partnerships (and other entities treated as partnerships for U.S. federal income tax purpose) holding our common stock and the partners in such entities should consult their own tax advisors regarding the U.S. federal income tax consequences of the proposed Reverse Split to them. In addition, the following discussion does not address the tax consequences of the Reverse Split under state, local and foreign tax laws. Furthermore, the following discussion does not address any tax consequences of transactions effectuated before, after or at the same time as the Reverse Split, whether or not they are in connection with the Reverse Split.

In general, the federal income tax consequences of a Reverse Split will vary among stockholders depending upon whether they receive solely a reduced number of shares of common stock in exchange for their old shares of common stock or a full share in lieu of a fractional share. We believe that because the Reverse Split is not part of a plan to increase periodically a stockholder’s proportionate interest in our assets or earnings and profits, the Reverse Split should have the following federal income tax effects. The Reverse Split is expected to constitute a “recapitalization” for U.S. federal income tax purposes pursuant to Section 368(a)(1)(E) of the Code. A stockholder who receives solely a reduced number of shares of common stock will not recognize gain or loss. In the aggregate, such a stockholder’s basis in the reduced number of shares of common stock will equal the stockholder’s basis in its old shares of common stock and such stockholder’s holding period in the reduced number of shares will include the holding period in its old shares exchanged. The Treasury Regulations provide detailed rules for allocating the tax basis and holding period of shares of common stock surrendered in a recapitalization to shares received in the recapitalization. Stockholders of our common stock acquired on different dates and at different prices should consult their tax advisors regarding the allocation of the tax basis and holding period of such shares.

A stockholder who holds a number of shares of common stock not evenly divisible by the Approved Split Ratio will automatically be entitled to receive an additional fraction of a share of common stock to round up to the next whole share of common stock. The U.S. federal income tax consequences of the receipt of such an additional fraction of a share are not clear. A stockholder that receives a full share in lieu of a fractional share may be treated as though it received a distribution from us to the extent that the value of the full share exceeds the value of the fractional share the stockholder otherwise would have received. Such distribution would generally be a dividend to the extent of our current or accumulated earnings and profits. Any amount in excess of earnings and profits would generally reduce the stockholder’s basis in their shares of common stock by the amount of such excess. The portion of the full share in excess of the fractional share would generally have a tax basis equal to the amount recognized as a dividend and the holding period for such share would begin on the date of the deemed distribution. Stockholders are urged to consult their own tax advisors as to the possible tax

consequences of receiving an additional fraction of a share in the Reverse Split.

THE PRECEDING DISCUSSION IS INTENDED ONLY AS A SUMMARY OF CERTAIN FEDERAL U.S. INCOME TAX CONSEQUENCES OF THE REVERSE SPLIT AND DOES NOT PURPORT TO BE A COMPLETE ANALYSIS OR DISCUSSION OF ALL POTENTIAL TAX EFFECTS RELEVANT THERETO. YOU SHOULD CONSULT YOUR OWN TAX ADVISORS AS TO THE PARTICULAR FEDERAL, STATE, LOCAL, FOREIGN AND OTHER TAX CONSEQUENCES OF THE REVERSE SPLIT IN LIGHT OF YOUR SPECIFIC CIRCUMSTANCES.

Required Vote of Stockholders

In accordance with our Charter and Delaware law, approval of this Proposal Four requires the affirmative votes of a majority of the voting power of the shares present in person or represented by proxy at the meeting and entitled to vote on the subject matter. Broker non-votes, if any, will have no effect on the outcome of this proposal. However, broker non-votes are not expected on this proposal because it is considered a routine matter under NYSE rules, meaning brokers may vote uninstructed shares in their discretion. Abstentions will have the same effect as a vote “AGAINST” this proposal.

Recommendation of the Board of Directors

OUR BOARD UNANIMOUSLY RECOMMENDS A VOTE “**FOR**” THE APPROVAL OF AN AMENDMENT TO THE CHARTER TO EFFECT THE REVERSE SPLIT.

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PROPOSAL FIVE

NON-BINDING ADVISORY VOTE TO APPROVE THE COMPENSATION OF OUR NAMED EXECUTIVE OFFICERS

Pursuant to the Dodd-Frank Wall Street Reform and Consumer Protection Act of 2010 (the “Dodd-Frank Act”), we are providing our stockholders with the opportunity to cast a non-binding advisory vote, commonly known as “say on pay,” to approve the compensation of our named executive officers as disclosed in the “Executive Compensation and Related Information” section of this Proxy Statement in accordance with Securities and Exchange Commission rules. As described more fully in this Proxy Statement, our executive compensation program is designed to attract, retain, motivate and reward our executive officers who are responsible for our success. The program seeks to align the interests of our executive officers with those of our stockholders and incent our executive officers to attain our short- and long-term financial and business goals. Under these programs, our named executive officers are rewarded for the achievement of specific annual, long-term and strategic goals, corporate goals and the realization of increased stockholder value. Our Compensation Committee continually reviews the compensation programs for our named executive officers to ensure they achieve the desired goals of aligning our executive compensation structure with our stockholders’ interests and current market practices.

We are asking our stockholders to indicate their support of our executive compensation as described in this Proxy Statement. This Say on Pay Proposal gives our stockholders the opportunity to express their views on our executive compensation. This vote is not intended to address any specific item of compensation, but rather the overall compensation of our named executive officers and the philosophy, policies and procedures described in this Proxy Statement. The vote is advisory, and therefore is not binding on us, our Board or our Compensation Committee in any way.

We are presenting the following resolution, which gives you as a stockholder the opportunity to endorse or not endorse our pay program for named executive officers by voting for or against the following resolution. This resolution is required pursuant to Section 14A of the Exchange Act. While our Board of Directors intends to carefully consider the stockholder vote resulting from the proposal, the final vote will not be binding on us and is advisory in nature.

“RESOLVED, that the stockholders approve the compensation of the Company’s named executive officers, as disclosed in the compensation tables and the related disclosure contained in the Proxy Statement set forth under the caption “EXECUTIVE COMPENSATION AND RELATED INFORMATION.”

Recommendation of the Board of Directors

OUR BOARD UNANIMOUSLY RECOMMENDS A VOTE “**FOR**” APPROVAL OF THE COMPENSATION OF OUR NAMED EXECUTIVE OFFICERS.

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PROPOSAL SIX

THE SAY ON PAY FREQUENCY PROPOSAL

We are presenting the following resolution, which gives you as a stockholder the opportunity to inform the Company as to how often you wish us to include a proposal, similar to Proposal Five, in this Proxy Statement. This resolution is required pursuant to Section 14A of the Exchange Act, as amended. While our Board of Directors intends to carefully consider the stockholder vote resulting from the resolution, the final vote will not be binding on us and is advisory in nature.

“RESOLVED, that the stockholders wish the Company to include an advisory vote on the compensation of the Company’s named executive officers pursuant to Section 14A of the Exchange Act every:

- one year
- two years; or
- three years.”

Recommendation of the Board of Directors

OUR BOARD UNANIMOUSLY RECOMMENDS A VOTE “**FOR**” THE ADVISORY VOTE ON EXECUTIVE COMPENSATION EVERY TWO YEARS.

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PROPOSAL SEVEN

APPROVAL OF THE ADJOURNMENT

If at the Annual Meeting the number of votes represented by shares of the common stock and preferred stock present or represented and voting in favor of Proposals Three or Four are insufficient to approve any of these proposals, our management may move to adjourn the Annual Meeting in order to enable our Board to continue to solicit

additional proxies in favor of Proposals Three or Four.

In this proposal, we are asking our stockholders to authorize the holder of any proxy solicited to vote in favor of adjourning, postponing or continuing the Annual Meeting and any later adjournments. If our stockholders approve the adjournment, postponement or continuation proposal, we could adjourn, postpone or continue the Annual Meeting, and any adjourned session of the Annual Meeting, to use the additional time to solicit additional proxies in favor of Proposals Three or Four, including the solicitation of proxies from stockholders that have previously voted against the proposals. Among other things, approval of the adjournment, postponement or continuation proposal could mean that, even if proxies representing a sufficient number of votes against Proposals Three or Four have been received, we could adjourn, postpone or continue the Annual Meeting without a vote on Proposals Three or Four and seek to convince the holders of those shares to change their votes to votes in favor of the approval of Proposals Three or Four.

Required Vote of Stockholders

The approval of the adjournment of the Annual Meeting to a later date or dates, if necessary or appropriate, to solicit additional proxies if there are insufficient votes to approve Proposal SEVEN requires the affirmative votes of a majority of the voting power of the shares present in person or represented by proxy at the meeting and entitled to vote on the subject matter.

Recommendation of the Board of Directors

OUR BOARD UNANIMOUSLY RECOMMENDS A VOTE “**FOR**” THE APPROVAL OF THE ADJOURNMENT OF THE ANNUAL MEETING TO A LATER DATE OR DATES, IF NECESSARY OR APPROPRIATE, TO SOLICIT ADDITIONAL PROXIES IF THERE ARE INSUFFICIENT VOTES TO APPROVE PROPOSALS THREE OR FOUR.

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OTHER MATTERS

Our Board knows of no other matters to be brought before the Annual Meeting. However, if other matters should come before the Annual Meeting, it is the intention of the person named in the proxy to vote such proxy in accordance with his or her judgment on such matters.

AUDIT MATTERS

Principal Accountant Fees and Services

The following table presents fees for professional audit services rendered by Weinberg & Company, P.A. for the years ended December 31, 2025 and 2024 (in thousands).

	2025	2024
Audit Fees	\$ 294	\$ 228
Audit-Related Fees	3	3
Tax Fees	18	37
Total	<u>\$ 315</u>	<u>\$ 268</u>

Audit Fees. Consist of amounts billed for professional services rendered for the audit of our annual consolidated financial statements included in the accompanying Annual Report on Form 10-K.

Audit-Related Fees. Audit-Related Fees consist of fees billed for professional services that are reasonably related to the performance of the audit or review of our consolidated financial statements but are not reported under “Audit Fees.”

Tax Fees. Tax Fees consist of fees for professional services for tax compliance activities, including the preparation of federal and state tax returns and related compliance matters.

All Other Fees. Consists of amounts billed for services other than those noted above.

Our Audit Committee considered all non-audit services provided by Weinberg & Company, P.A. and determined that the provision of such services was compatible with maintaining such firm’s audit independence.

Audit Committee Pre-Approval Policy

Our Audit Committee is responsible for approving all audit, audit-related, tax and other services. The Audit Committee pre-approves all auditing services and permitted non-audit services, including all fees and terms to be performed for us by our independent auditor at the beginning of the fiscal year. Non-audit services are reviewed and pre-approved by project at the beginning of the fiscal year. Any additional non-audit services contemplated by us after the beginning of the fiscal year are submitted to the Chairman of our Audit Committee for pre-approval prior to engaging our independent auditor for such services. These interim pre-approvals are reviewed with the full Audit Committee at its next meeting for ratification.

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AUDIT COMMITTEE REPORT

The Audit Committee is comprised entirely of independent directors who meet the independence requirements of the Nasdaq Listing Rules and the Securities and Exchange Commission. The Audit Committee operates under a written charter adopted by the Board that is available on our website at <http://www.polarpower.com>. As described more fully in its charter, the Audit Committee oversees the financial reporting process, the internal control structure and disclosure controls and procedures on behalf of the Board.

Management is responsible for the preparation, presentation and integrity of Polar Power’s financial statements; the appropriateness of the accounting principles and reporting policies that are used; and procedures designed to reasonably assure compliance with accounting standards, and applicable laws and regulations. Management is also responsible for the effectiveness of Polar Power’s internal control over financial reporting, and reports to the Audit Committee on any deficiencies found.

Polar Power’s independent registered public accounting firm, Weinberg & Company, P.A., is responsible for performing an independent audit of Polar Power’s consolidated financial statements in accordance with standards of the Public Company Accounting Oversight Board (United States). The Audit Committee is directly responsible for the selection, compensation, evaluation and oversight, and retention of Polar Power’s independent registered public accounting firm, and evaluates its independence.

Under its written charter, the Audit Committee has the authority to conduct any investigation appropriate to fulfilling its responsibilities, has direct access to Polar Power's independent registered public accounting firm as well as any of Polar Power's employees, and has the ability to retain, at Polar Power's expense, special legal, accounting, or other experts or advisors it deems necessary in the performance of its duties, apart from counsel or advisors hired by management.

Audit Committee members are not acting as professional accountants or auditors, and their functions are not intended to duplicate or to certify the activities of management or Polar Power's independent registered public accounting firm. The Audit Committee serves a board-level oversight role in which it provides advice, counsel, and direction to management and to the auditors on the basis of the information it receives, discussions with management and the auditors, and the experience of the Audit Committee's members in business, financial, and accounting matters.

In accordance with Audit Committee policy and the requirements of law, the Audit Committee pre-approves all services to be provided by Polar Power's independent registered public accounting firm. Pre-approval includes audit services, audit-related services, tax services, and all other services.

The Audit Committee reviewed and discussed with management its assessment of and report on the effectiveness of Polar Power's internal control over financial reporting as of December 31, 2025, which it made based on criteria established in Internal Control—Integrated Framework issued by the Committee of Sponsoring Organizations of the Treadway Commission (2013 framework).

The Audit Committee reviewed and discussed the audited financial statements in Polar Power's Annual Report on Form 10-K for the fiscal year ended December 31, 2025 with management and Weinberg & Company, P.A. The Audit Committee also discussed with Weinberg & Company, P.A. the matters required to be discussed by Auditing Standard No. 16, "Communications with Audit Committees" issued by the Public Company Accounting Oversight Board. In addition, the Audit Committee obtained from Weinberg & Company, P.A. the written disclosures and the letter required by applicable requirements of the Public Company Accounting Oversight Board regarding the independent accountants' communications with the Audit Committee concerning independence and discussed with Weinberg & Company, P.A. its independence from Polar Power, Inc. and management.

Our Audit Committee considered all non-audit services provided by Weinberg & Company, P.A. and determined that the provision of such services was compatible with maintaining such firm's audit independence.

Based on the reviews and discussions referred to above, as well as such other matters deemed relevant and appropriate by the Audit Committee, the Audit Committee recommended to the Board, and the Board approved, the inclusion of the audited financial statements referred to above in Polar Power's Annual Report on Form 10-K for the fiscal year ended December 31, 2025 for filing with the Securities and Exchange Commission.

Respectfully submitted,
Audit Committee

Keith Albrecht, Chairman
Michael G. Field
Jim Ahern
Menachem "Menny" Shalom
Lewis Wilks

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SECURITY OWNERSHIP OF CERTAIN BENEFICIAL OWNERS AND MANAGEMENT

The following table sets forth information regarding beneficial ownership of our common stock and Series A Preferred as of [], 2026 by:

- each person, or group of affiliated persons, known by us to beneficially own more than 5% of our shares of common stock and Series A Preferred;
- each of our directors;
- each of our named executive officers; and
- all of our directors and executive officers as a group.

The table is based on information provided to us by our directors, executive officers and principal stockholders. Beneficial ownership is determined in accordance with the rules of the Securities and Exchange Commission, and generally means that a person has beneficial ownership of a security if he, she or it possesses sole or shared voting or investment power of that security, including stock options and warrants that are exercisable within 60 days of [], 2026. To our knowledge, except as indicated by footnote, and subject to community property laws where applicable, the persons named in the table below have sole voting and investment power with respect to all shares of common stock shown as beneficially owned by them. Shares of common stock underlying derivative securities, if any, that are currently exercisable or exercisable within 60 days after [], 2026 are deemed to be outstanding in calculating the percentage ownership of the applicable person or group but are not deemed to be outstanding as to any other person or group. Percentage of beneficial ownership is based on [] shares of common stock outstanding as of the date of the table.

Unless otherwise indicated, the address of each beneficial owner listed in the table below is c/o Polar Power, Inc., 249 E. Gardena Boulevard, Gardena, California 90248.

Name and Address of Beneficial Owner ⁽¹⁾	Number of Shares of Common Stock	%	Number of Shares of Series A Preferred	%	Total Voting %
Arthur D. Sams ⁽²⁾	806,229	16.1%	-	-	16.1%
Luis Zavala ⁽³⁾	12,592	*	-	-	*
Keith Albrecht ⁽⁴⁾	1,429	*	-	-	*
Michael Field	2,679	*	-	-	*
Jim Ahern	-	-	-	-	-
Menachem "Menny" Shalom	-	-	-	-	-
Lewis Wilks	-	-	-	-	-
All directors and executive officers as a group (7 persons) ⁽⁵⁾	822,929	19.5%	-	-	19.5%
CFI Capital LLC ⁽⁶⁾	467,432	9.99%	-	-	9.99%
Monroe Street Capital Partners, LP ⁽⁷⁾	467,432	9.99%	-	-	9.99%
Mandragola Ltd. ⁽⁸⁾	467,432	9.99%	-	-	9.99%

LU2 Holdings LLC ⁽⁹⁾	467,432	9.99%	778	48.3%	9.99%
CL Investment Group LLC ⁽¹⁰⁾	467,432	9.99%	833	51.7%	9.99%
Roth Principal Investments, LLC ⁽¹¹⁾⁽¹²⁾	[]	[]%	-	-	[]%

* Less than 1%.

(1) Messrs. Sams, Albrecht, Field, and Mr. Ahern are directors of Polar. Messrs. Sams and Zavala are named executive officers of Polar.

- (2) Includes 7,143 shares of common stock issuable upon exercise of options.
- (3) Includes 4,286 shares of common stock issuable upon exercise of options.
- (4) Includes 1,429 shares of common stock issuable upon exercise of options.
- (5) Includes 12,858 shares issuable upon exercise of options.
- (6) Maximum number of shares of common stock that may be issuable to CFI Capital LLC ("CFI") upon conversion of the CFI Note is 1,206,434. The exact number of shares that may be issued to CFI pursuant to the CFI Note is not currently determinable because the applicable conversion prices are variable and are determined by reference to the market price of our common stock at the time of conversion. Number of shares of common stock beneficially owned reflects a beneficial ownership limitation on convertibility and exercise equal to 9.99% of total shares of common stock outstanding. Shares held directly by CFI may be deemed to be indirectly beneficially owned by Ahron Fraiman, who may be deemed to have sole voting and dispositive power with respect to the shares held by CFI. The address of CFI is 2151 West Hillsboro Blvd, Deerfield Beach FL, 33442.
- (7) Maximum number of shares of common stock that may be issuable to Monroe Street Capital Partners, LP ("Monroe") upon conversion of the Monroe Note is 1,000,000. The exact number of shares that may be issued to Monroe pursuant to the Monroe Note is not currently determinable because the applicable conversion prices are variable and are determined by reference to the market price of our common stock at the time of conversion. Number of shares of common stock beneficially owned reflects a beneficial ownership limitation on convertibility and exercise equal to 9.99% of total shares of common stock outstanding. Shares held directly by Monroe may be deemed to be indirectly beneficially owned by Ahron Fraiman, who may be deemed to have sole voting and dispositive power with respect to the shares held by Monroe. The address of Monroe is 2151 West Hillsboro Blvd, Deerfield Beach FL, 33442.
- (8) Maximum number of shares offered consists of 763,889 shares of common stock issuable upon conversion of a Convertible Note and 83,841 shares of common stock issuable upon the exercise of warrants. The exact number of shares that may be issued to Mandragola pursuant to the Mandragola note is not currently determinable because the applicable conversion prices are variable and are determined by reference to the market price of our common stock at the time of conversion. This figure assumes that the Mandragola note converts at the Floor Price set forth in the Mandragola note. Number of shares owned prior to offering reflects a beneficial ownership limitation on convertibility and exercise equal to 9.99% of total shares outstanding. The Mandragola shares as referenced herein are directly held by Mandragola, and may be deemed to be indirectly beneficially owned by Aryeh Segal, who may be deemed to have sole voting and dispositive power with respect to the shares held by Mandragola. The address of Mandragola is 8 Ha'Gavish St., Netanya, Israel.
- (9) Maximum number of shares issuable to LU2 Holdings LLC ("LU2") consists of 2,477,937 shares of common stock issuable upon conversion of Series A Preferred, 302,431 shares of common stock issuable upon the exercise of warrants, 33,113 shares of common stock issuable pursuant to a Business Consultant Agreement, dated July 21, 2026, and 82,500 shares of common stock issuable upon conversion of convertible note in principal amount of \$82,500, all of which are directly held by LU2. The exact number of shares that may be issued to LU2 pursuant to the Series A Preferred and the convertible note is not currently determinable because the applicable conversion prices are variable and are determined by reference to the market price of our common stock at the time of conversion. The figure 2,477,937 assumes that the Series A Preferred converts at the Floor Price set forth in the Certificate of Designations for the preferred. The figure 82,500 assumes that the convertible note converts at \$1.00 per share. Number of shares of stock owned reflects a beneficial ownership limitation on convertibility and exercise equal to 9.99% of total shares outstanding. Shares held directly by LU2 may be deemed to be indirectly beneficially owned by Lucinda Lefkowitz, who may be deemed to have sole voting and dispositive power with respect to the shares held by LU2. The address of LU2 is c/o 132 Oval Road, Manasquan, NJ 08736.

- (10) Maximum number of shares issuable to CL Investment Group LLC ("CL Investment") consists of 2,469,705 shares of common stock issuable upon conversion of the Series A Preferred, 227,182 shares of common stock issuable upon the exercise of Warrants, and 82,500 shares of common stock issuable upon conversion of convertible note in principal amount of \$82,500. The exact number of shares that may be issued to CL Investment pursuant to the Series A Preferred and the convertible note is not currently determinable because the applicable conversion prices are variable and are determined by reference to the market price of our common stock at the time of conversion. The figure 2,469,705 assumes that the Series A Preferred converts at the Floor Price set forth in the Certificate of Designations for the preferred. The figure 82,500 assumes that the convertible note converts at \$1.00 per share. Number of shares owned reflects a beneficial ownership limitation on convertibility and exercise equal to 9.99% of total shares outstanding. All of these securities are directly held by CL Investment, and may be deemed to be indirectly beneficially owned by Chris Mayer, who may be deemed to have sole voting and dispositive power with respect to the shares held by CL Investment. The address of CL Investment is c/o 421 N. California St., Building 1, Sycamore, IL 60178.
- (11) The Purchase Agreement prohibits us from issuing and selling any shares of common stock to Roth Principal Investments, LLC ("Roth Principal Investments") to the extent such shares, when aggregated with all other shares of common stock then beneficially owned by Roth Principal Investments, would cause Roth Principal Investments' beneficial ownership of our common stock to exceed the 4.99% beneficial ownership limitation. The Purchase Agreement also prohibits us from issuing or selling shares of our common stock under the Purchase Agreement in excess of the 19.99% Exchange Cap, unless we obtain stockholder approval to do so, or unless the average price for all shares of our common stock purchased by Roth Principal Investments under the Purchase Agreement equals or exceeds \$2.0994 per share, such that the Exchange Cap limitation would not apply under applicable Nasdaq rules. Neither the beneficial ownership limitation nor the Exchange Cap (to the extent applicable under Nasdaq) may be amended or waived under the Purchase Agreement.
- (12) The business address of Roth Principal Investments is 2340 Collins Avenue, Suite 402, Miami Beach, Florida 33139. The principal business of Roth Principal Investments is that of a private investor. Roth Principal Investments is a wholly owned subsidiary of CR Financial Holdings, Inc. ("CRFH"). CRFH expressly disclaims beneficial ownership of securities held of record by Roth Principal Investments, except to the extent of its pecuniary interest therein. All voting and investment decisions with respect to securities held of record by Roth Principal Investments are made by majority vote of an investment policy committee of Roth Principal Investments composed of five individuals, each of whom is not involved in the management of CRFH and at least three of whom are not affiliates or associated persons of Roth Capital Partners, LLC ("RCP"), a registered broker-dealer and member of the Financial Industry Regulatory Authority, Inc. ("FINRA"), and a wholly owned subsidiary of CRFH. We have been advised that neither CRFH nor Roth Principal Investments is a FINRA member or an independent broker-dealer. Because each of Roth Principal Investments and RCP is a wholly owned subsidiary of CRFH, Roth Principal Investments is deemed to be an affiliate of RCP. RCP acts as an executing broker that will effectuate resales of our common stock that may be acquired by Roth Principal Investments from us pursuant to the Purchase Agreement to the public.

Section 16(a) of the Exchange Act requires our executive officers and directors, and persons who beneficially own more than 10% of a registered class of our common stock, to file initial reports of ownership and reports of changes in ownership with the Securities and Exchange Commission. These officers, directors and stockholders are required by Securities and Exchange Commission regulations to furnish us with copies of all reports that they file.

Based upon a review of filings with the SEC and written representations from our directors, officers, and other persons who own more than 10% of a registered class of the our shares that no other reports were required, the Company believes that all of them complied with the reporting requirements of Section 16(a) of the Exchange Act during 2025, except Mr. Michel Field, due to his late filing of Forms 3 and 4.

EQUITY COMPENSATION PLAN INFORMATION

The following table provides information about our common stock that may be issued upon the exercise of options, warrants and rights under all our existing equity compensation plans as of December 31, 2025.

Plan Category	Number of Securities to be Issued Upon Exercise of Outstanding Options, Warrants or Rights	Weighted-Average Exercise Price of Outstanding Options, Warrants and Rights	Number of Securities Remaining Available for Future Issuance Under Equity Compensation Plans
Equity Compensation Plans Approved by Security Holders:			
Polar Power 2016 Omnibus Incentive Plan	12,858	\$ 37.42	0

EXECUTIVE COMPENSATION AND RELATED INFORMATION

Executive Officers

The following table sets forth certain information regarding our named executive officers as of [], 2026:

Name	Age	Positions Held
Arthur D. Sams	75	Chairman of the Board, President, Chief Executive Officer and Secretary
Luis Zavala	57	Chief Financial Officer

Arthur D. Sams has served as our President, Chief Executive Officer and Chairman of our Board since August 1991 and as our Secretary since October 2016. Under his leadership, we have grown to be a leading brand name in the design and manufacturing of DC power systems for the telecommunications, military, automotive, marine and industrial markets. He specializes in the design of thermodynamics and power generation systems. During his early career, he gained vast industry experience while working as a machinist, engineer, project manager, chief technical officer and consultant for various Fortune 500 companies and the U.S. Department of Defense and the U.S. Department of Energy. Mr. Sams studied at California State Polytechnic University Pomona and the University California at Irvine with a dual major in biology and engineering.

Luis Zavala has served as our Chief Financial Officer since April 2018 and previously served as our Vice President Finance from August 2009 to April 2018 and as our Acting Chief Financial Officer from March 2016 to March 2018. Prior to that, Mr. Zavala served as the President of Sky Limited Enterprises, a general contractor, from June 2006 to August 2009. Prior thereto, Mr. Zavala worked as Director of Finance for Legacy Long Distance International, a telecommunications operator service provider company, from March 2001 to May 2006. Mr. Zavala also has over 30 years of experience managing accounting and finance departments in various industries, including banking and telecommunications. Mr. Zavala has a Bachelor of Arts degree in Business Administration from the California State University, Northridge and an MBA from the Keller Graduate School of Management, Long Beach.

Family Relationships

Our officers are appointed by and serve at the discretion of our Board. There are no family relationships among our executive officers and directors.

Executive Compensation

For 2025, our Compensation Committee established an executive compensation plan for our President and Chief Executive Officer and Chief Financial Officer, whom we refer to together as our “executive officers,” with the following objectives:

- attract, retain, motivate and reward our executive officers who are responsible for our success;
- align and strengthen the mutual interests of our executive officers, our company and our stockholders;
- deliver compensation that reflects our financial and operational performance, while at the same time providing the opportunity for our executive officers to earn above-targeted total compensation for exceptional individual and company performance; and
- provide total compensation to each executive officer that is internally equitable, competitive and influenced by company and individual performance.

During 2025, compensation of our executive officers was comprised of base salary, non-equity incentives in the form of cash bonuses, and long-term equity incentives. The cash bonus amounts paid to our executive officers during 2025, as set forth below in “– Summary Compensation Table,” were approved by our Compensation Committee and were based on a variety of factors regarding our performance during 2025.

Compensation Philosophy

Our compensation philosophy and objectives are as follows:

- to align the interests of our executive officers with those of our stockholders and incent our executive officers to attain our short- and long-term financial and business goals;

- to ensure that our executive compensation structure and total compensation is fair, reasonable and competitive in the marketplace so that we can attract and retain highly qualified personnel in key positions; and
- to provide an executive compensation structure and total compensation that are internally equitable based upon each executive officer's role and responsibilities.

Our Compensation Committee seeks to make executive compensation decisions that embody this philosophy and that are directed towards attaining these objectives.

In implementing our compensation philosophy and objectives, our Compensation Committee reviews and analyzes each executive position, including the importance and scope of the role and how the position compares to other Polar Power executive officers. With respect to setting base salaries, our Compensation Committee also compares these positions to similar positions at a number of publicly traded companies listed on the New York Stock Exchange ("NYSE") and Nasdaq that are engaged in the power manufacturing and design industry.

We believe that structuring our executive officer compensation program to align the interests of our executive officers with our interests and those of our stockholders, and properly incenting our executive officers to attain our short- and long-term business goals, best serves the interests of our stockholders and creates stockholder value. We believe this occurs through motivating our executive officers to attain our short- and long-term business goals and retaining these executive officers by providing compensation opportunities that are competitive in the marketplace.

Compensation Governance Practices

Listed below are some key examples of our compensation governance practices that are intended to align the interests of our executive officers with our stockholders, incent the attainment of short- and long-term business objectives and retain highly qualified executive officers:

- *Pay for performance.* A substantial portion of our compensation is tied to meeting specified company and individual objectives. We structure total compensation with significant annual cash incentives and a long-term equity component, thereby making a substantial portion of each executive officer's targeted total compensation dependent upon company and individual performance as well as the performance of our stock price.
- *Retention through long-term equity awards.* We employ long-term equity awards through grants of options that vest in the future. These equity awards are designed to aid in our retention of key personnel in important positions and align the interests of our executive officers with those of our stockholders.
- *Long vesting periods.* Our equity awards to our executive officers generally vest in annual installments over a three-year period.
- *Linkage of annual cash incentive compensation plan to our performance.* Our annual cash incentive compensation plan links a majority of targeted and potential payouts to our financial performance.
- *Prohibition on hedging and pledging common stock.* Our executive officers, together with all our employees, are prohibited from engaging in hedging, pledging or similar transactions with respect to our common stock.
- *No perquisites.* Our executive officers are not provided with any perquisites or special benefits other than benefits such as healthcare, vacation and sick days available to other full-time employees of Polar Power.
- *Change in control.* All executive officers' unvested equity grants accelerate upon any change in control of Polar Power.
- *No option re-pricing.* Our 2026 Plan does not permit options or stock appreciation rights to be repriced to a lower exercise price without the approval of our stockholders, except in connection with certain changes to our capital structure.
- *Clawback policy.* If we are required as the result of misconduct to restate our financial results due to our material noncompliance with any financial reporting requirements under the federal securities laws, our Chief Executive Officer and Chief Financial Officer may be legally required to reimburse us for any bonus or incentive-based or equity-based compensation they receive.

Role of our Compensation Committee

Our Compensation Committee, with input from our management and one or more independent compensation consultants, establishes, updates and administers our executive compensation program. Our Compensation Committee establishes our compensation philosophy and objectives; oversees the design and administration of our executive compensation program; establishes the elements and mix of total compensation; sets the parameters and specific target metrics of our performance-based incentive compensation plan; and determines the target compensation of our executive officers. Our Compensation Committee has the authority to retain independent counsel, advisors and other experts to assist it in the compensation-setting process and receives adequate funding to engage those service providers.

Role of Management

Our Chief Executive Officer and other executive officers attend Compensation Committee meetings as requested by the Compensation Committee. These individuals are not present during executive sessions of Compensation Committee meetings except at the invitation of the Compensation Committee.

Comparable Company Analysis

Our Compensation Committee sets base salary compensation of our executive officers using compensation market data as a reference to assist it in understanding the competitive pay positioning of total compensation and each element of compensation. For 2025, the target for base salary compensation for our executive officers remained the same as in 2024 and was based on data collected from our peer group of companies. The peer group of companies selected and used for compensation comparisons is comprised of Nasdaq or NYSE traded power manufacturing and design companies with revenues below \$100 million. The overall composition of the peer group reflects companies of similar complexity and size to us. As such, we believe that these peer group of companies are reflective of our market for executive talent. Set forth below is the list of the peer group of companies for 2025:

Company Name	Description
Espey Manufacturing – ESP (NYSE)	Power electronics design and manufacturing company, products include power supplies, power converters, power distribution equipment.
Beam Global – BEEM (Nasdaq)	Designs and manufactures renewably energized products for electric vehicle charging infrastructure, energy storage, energy security, disaster preparedness, street lighting, telecommunications, and energy infrastructure.

The Compensation Committee reviews the appropriateness of the comparison group used for assessing the compensation of our executive officers on an annual basis. The data used from our peer group was collected directly from filings made by the peer group of companies with the Securities and Exchange Commission.

Elements of Total Compensation

During 2025, our executive officers' compensation program included three major elements:

- Base Salary
- Non-Equity Incentives
- Long-term Equity Incentives.

Base Salary

Our Compensation Committee reviews the base salary levels for our executive officers annually and makes such adjustments as it deems appropriate after taking into account the officer's level and scope of responsibility and experience, company and individual performance, competitive market data, and internal pay equity considerations.

Outlined below is the base salary data of the peer group of companies outlined above. For 2025, the Compensation Committee kept the same base salary structure as in 2024, which has carried on since 2019. In determining base salary, the Compensation Committee tabulated the average base salary for the executive officers in the peer group of companies.

The Compensation Committee determined that the base salary of our President and Chief Executive officer be set at approximately 70% of the average base salaries of the peer group of companies and that the base salaries for our Chief Financial Officer be set at approximately 65% of the average base salaries of the peer group of companies, all of which is reflected in the table set forth below:

Executive	Min	Max	Average	2024	Avg.
CEO (in \$,000)	386	600	400	275	69%
CFO (in \$,000)	220	391	300	200	59%

Non-Equity Incentives

Annual non-equity incentive compensation for our executive officers consists of cash awards. Participants are eligible for annual cash incentive compensation based upon our attainment of pre-established financial and business performance goals. The Compensation Committee believes that these goals will best incent our executive officers to attain our short- and long-term financial and other business goals.

For 2025, the Compensation Committee determined that each executive officer could earn up to 100% of such executive officer's base salary based upon the attainment by us of the five financial and other business performance goals set forth below. The minimum and maximum payout for each performance goal (measured as a percentage of base salary) are set forth immediately below. The specific pre-established performance goals are set forth in the table following the table set forth immediately below. Participants are eligible to receive awards at each level of participation (i.e., Minimum Level, Target Level and Maximum Level) to the extent Polar achieves such level. In the event our performance falls short of a specific performance level, participants will not be eligible to receive an award at that level. In addition, executive officers had to achieve a minimum of two performance elements in order to qualify for an award in the level. For example, if at conclusion of 2025 the total revenues were \$36 million and none of the additional elements qualified, then the executive officer would not be eligible for a performance award of 25% of base salary as outlined in the table below.

Company Performance Element	Minimum Level	Target Level	Maximum Level
Revenue	20%	25%	30%
Gross Margin	5%	10%	15%
EBITDA	5%	10%	15%
Customer Concentration	8%	15%	23%
International Sales	7%	12%	17%
Total	50%	75%	100%

Company Performance Element	Minimum Level	Target Level	Maximum Level	2025 Actual
Revenue (\$ million)	\$ 30	\$ 36	\$ 42	\$ 6.3
Gross Margin (% of revenue)	31%	32%	33%	(50.1)%
EBITDA (% of revenue)	5%	7%	9%	(132.5)%
Customer Concentration (% of total sales)	55%	45%	35%	65%
International Sales (% of total sales)	15%	20%	25%	7%

Long-term Equity Incentives

Long-term equity incentive compensation for our executive officers, generally consists of awards of stock options under our 2026 Plan, and, if approved by our shareholders, will consist of awards under our 2026 Plan. We believe that these equity awards offer a balanced and competitive equity compensation arrangement for our executive officers.

The Compensation Committee approves equity awards for our executive officers in connection with the annual review of their individual performance and overall compensation. The annual awards are typically made near the end of the first quarter of the following year. Each award is designed primarily as a retention tool, typically requiring the executive to remain with Polar for at least one year to receive the benefit of one-third of the award on partial vesting and at least three years to receive the full benefit of the award on full vesting. We believe our equity incentive compensation aligns the interests of our executive officers with those of our stockholders and provides each executive officer with a significant incentive to manage Polar from the perspective of an owner with an equity stake in the business by tying significant portions of the recipients' compensation to the market price of our common stock.

In making long-term equity incentive awards, our Compensation Committee sets a target value for the award for each executive officer based on its judgment about the factors used in setting executive officer total compensation described under "Compensation Philosophy" above as well as our Compensation Committee's judgment regarding the desired mix of base salary, annual non-equity incentives and long-term equity incentives. Our Compensation Committee also considers outstanding vested and unvested equity awards to executive officers, the stock ownership levels of executive officers and the potential dilutive effect on our stockholders.

Summary Compensation Table

The table and discussion below present compensation information for our following executive officers, which we refer to as our “named executive officers” (dollar amounts in thousands):

- Arthur D. Sams, our President, Chief Executive Officer, Secretary and Chairman of the Board; and
- Luis Zavala, our Chief Financial Officer.

Name and Principal Position	Year	Salary (\$)	Option Awards (\$)	Stock Compensation (\$)	Total (\$)
Arthur D. Sams, President,	2025	275	—	—	275
Chief Executive Officer and Secretary (in \$,000)	2024	275	—	—	275
Luis Zavala,	2025	200	—	—	200
Chief Financial Officer (in \$,000)	2024	178	—	—	178

Employment Agreements

Arthur D. Sams

Our Amended and Restated Executive Employment Agreement with Arthur D. Sams, dated as of July 8, 2016, provides for at-will employment of Mr. Sams as our President and Chief Executive Officer, at an annual base salary of \$200,000. On April 2, 2018, we increased Mr. Sams’ annual base salary to \$275,000 effective as of April 1, 2018. Mr. Sams is eligible to receive an annual discretionary cash bonus to be paid based upon performance criteria set by our Compensation Committee, as more fully described above, and is eligible to participate in all of our employee benefit programs including our 2026 Plan.

Upon termination by Polar Power without cause or resignation by Mr. Sams for good reason, Mr. Sams is entitled to receive (i) a lump sum cash payment equal to 200% of his then-current base salary, (ii) a lump sum cash payment equal to 200% of the amount of average incentive bonus paid to Mr. Sams during the two calendar years preceding the termination, and (iii) continued health insurance coverage for eighteen months. If Mr. Sams is terminated without cause or resigns for good reason within three months before or twelve months after a change in control, Mr. Sams is entitled to (a) a lump sum cash payment equal to 200% of his then-current base salary, (b) a lump sum cash payment equal to 200% of the amount of average incentive bonus paid to Mr. Sams during the two calendar years preceding the termination, and (c) continued health insurance coverage for eighteen months. If Mr. Sams becomes disabled, Mr. Sams is entitled to receive a lump sum cash payment equal to 100% of his then-current base salary and continued health coverage for twelve months.

The term “for good reason” is defined in the Amended and Restated Executive Employment Agreement as (i) the assignment to Mr. Sams of any duties or responsibilities that result in the material diminution of Mr. Sams’ authority, duties or responsibility, (ii) a material reduction by Polar Power in Mr. Sams’ annual base salary, except to the extent the base salaries of all other executive officers of Polar Power are accordingly reduced, (iii) a relocation of Mr. Sams’ place of work, or Polar Power’s principal executive offices if Mr. Sams’ principal office is at these offices, to a location that increases Mr. Sams’ daily one-way commute by more than fifty miles, or (iv) any material breach by Polar Power of any material provision of the Amended and Restated Executive Employment Agreement.

The term “cause” is defined in the Amended and Restated Executive Employment Agreement as (i) Mr. Sams’ indictment or conviction of any felony or of any crime involving dishonesty, (ii) Mr. Sams’ participation in any fraud or other act of willful misconduct against Polar Power, (iii) Mr. Sams’ refusal to comply with any lawful directive of Polar Power, (iv) Mr. Sams’ material breach of his fiduciary, statutory, contractual, or common law duties to Polar Power, or (v) conduct by Mr. Sams which, in the good faith and reasonable determination of our Board, demonstrates gross unfitness to serve; provided, however, that in the event that any of the foregoing events is reasonably capable of being cured, Polar Power shall, within twenty days after the discovery of the event, provide written notice to Mr. Sams describing the nature of the event and Mr. Sams shall thereafter have ten business days to cure the event.

A “change in control” of Polar Power is deemed to have occurred if, in a single transaction or series of related transactions (i) any person (as the term is used in Section 13(d) and 14(d) of the Exchange Act), or persons acting as a group, other than a trustee or fiduciary holding securities under an employee benefit program, is or becomes a “beneficial owner” (as defined in Rule 13-3 under the Exchange Act), directly or indirectly of securities of Polar Power representing a majority of the combined voting power of Polar Power, (ii) there is a merger, consolidation or other business combination transaction of Polar Power with or into another corporation, entity or person, other than a transaction in which the holders of at least a majority of the shares of voting capital stock of Polar Power outstanding immediately prior to the transaction continue to hold (either by the shares remaining outstanding or by their being converted into shares of voting capital stock of the surviving entity) a majority of the total voting power represented by the shares of voting capital stock of Polar Power (or the surviving entity) outstanding immediately after the transaction, or (iii) all or substantially all of our assets are sold.

Luis Zavala

Our Executive Employment Agreement with Luis Zavala, dated as of July 8, 2016, provides for at-will employment as our Vice President Finance at an annual base salary of \$120. On April 2, 2018, we appointed Mr. Zavala as our Chief Financial Officer and increased his annual base salary to \$175 effective as of April 1, 2018. On November 1, 2024, we increased Mr. Zavala’s base salary to \$200,000. Mr. Zavala is eligible to receive an annual discretionary cash bonus to be paid based upon performance criteria set by our Compensation Committee, as more fully described above, and is eligible to participate in all of our employee benefit programs including our 2026 Plan.

Upon termination by Polar without cause, resignation by Mr. Zavala for good reason or upon Mr. Zavala’s disability, Mr. Zavala is entitled to receive (i) a lump sum cash payment equal to 50% of his then-current base salary, and (ii) continued health insurance coverage for six months. If Mr. Zavala is terminated without cause or resigns for good reason within three months before or twelve months after a change in control, Mr. Zavala is entitled to (a) a lump sum cash payment equal to 50% of his then-current base salary, and (b) continued health insurance coverage for six months.

The terms “for good reason,” “cause” and “change in control in Mr. Zavala’s Executive Employment Agreement are identical to the definitions contained in Mr. Sams’ Amended and Restated Executive Employment Agreement.

Grants of Plan-Based Awards – 2025

During the year ended December 31, 2025, we did not grant any options to purchase shares of common stock to our named executive officers.

Outstanding Equity Awards at Fiscal Year-End – 2025

The following table sets forth information about outstanding equity awards held by our named executive officers as of December 31, 2025.

Name	Option Awards		
	Number of Securities Underlying Unexercised Options (#) Exercisable	Option Exercise Price (\$)	Option Expiration Date
Arthur D. Sams	7,143 ⁽¹⁾	5.60	4/2/2028
Luis Zavala	4,286 ⁽²⁾	5.09	4/2/2028

(1) Represents shares underlying a stock option granted on April 2, 2018. The option vested as to 7,143 shares underlying the option on April 2, 2019.

(2) Represents shares underlying a stock option granted on April 2, 2018. The option vested as to 4,286 shares underlying the option on April 2, 2019.

Compensation Committee Report

The following report of the Compensation Committee shall not be deemed to be “soliciting material” or to be “filed” with the Securities and Exchange Commission, nor shall this report be incorporated by reference into any filing made by the Company under the Securities Act or the Exchange Act.

The Compensation Committee has reviewed and discussed the executive compensation, as disclosed above, with management. Based on this review and those discussions, the Compensation Committee recommended that the executive compensation be included in this Proxy Statement.

Respectfully submitted,
Compensation Committee

Michael G. Field, Chairman
Keith Albrecht
Jim Ahern
Menachem “Menny” Shalom
Lewis Wilks

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CERTAIN RELATIONSHIPS AND RELATED TRANSACTIONS

The following is a summary of transactions since January 1, 2023 to which we have been a participant, in which:

- the amount involved exceeded or will exceed \$120 (in thousands); and
- any of our directors (and director nominees), executive officers, or holders of more than 5% of our voting securities, or immediate family member or affiliate of such persons, had or will have a direct or indirect material interest, other than compensation and other arrangements that are described under “Executive Compensation” above, or that were approved by our Compensation Committee.

All of the related person transactions described below have been approved by a majority of the independent and disinterested members of our Board. We believe that each of the transactions described below were on terms no less favorable to us than terms we would have obtained from unaffiliated third parties.

It is our intention to ensure that all future transactions, if any, between us and related persons are approved by our Audit Committee or a majority of the independent and disinterested members of our Board (except for compensation arrangements, which are approved by our compensation committee), and are on terms no less favorable to us than those that we could obtain from unaffiliated third parties. See “Policies and Procedures for Related Person Transactions” below.

Employment Agreements

We entered into employment agreements with each of Arthur D. Sams, our President, Chief Executive Officer and Secretary and Luis Zavala, our Chief Financial Officer; providing for, without limitation, certain payments upon termination and change in control. On November 1, 2024, Luis Zavala’s base salary was increased to \$200,000. See “Executive Compensation—Employment Agreements” in this Proxy Statement for a further discussion of the employment agreements with our executive officers.

Notes Payable

During 2023, the Company’s Chief Executive Officer made three loans to the Company for aggregate principal amount of \$260,000 pursuant to terms of the note agreements. During 2025, the Company’s Chief Executive Officer made three additional loans to the Company for aggregate principal amount of \$330,000 pursuant to terms of the note agreements. The notes have relatively similar terms, are unsecured, and accrue interest at 3.5% per annum. As of December 31, 2025, the aggregate outstanding balance of the loans including accrued interest is \$612,000, with \$164 due in March 2026, \$171,000 due in May 2026, \$76,000 due in August 2026, \$71,000 due in September 2026, \$101,000 due October 2026, and \$29,000 due in November 2026.

Indemnification of Officers and Directors

Our Charter and our bylaws provide that we will indemnify our directors and officers with respect to certain liabilities, expenses and other accounts imposed upon them because of having been a director or officer, except in certain cases. In addition, we have entered into indemnification agreements with each of our directors and executive officers.

Policies and Procedures for Related Person Transactions

Our Board has adopted a written policy with respect to related person transactions. This policy governs the review, approval or ratification of covered related person transactions. The Audit Committee of our Board manages this policy.

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For purposes of the policy, a “related person transaction” is a transaction, arrangement or relationship (or any series of similar transactions, arrangements or

relationships) in which we were, are or will be a participant, and the amount involved exceeds the applicable dollar threshold set forth under Item 404 of Regulation S-K and in which any related person had, has or will have a direct or indirect material interest. As defined in Item 404 of Regulation S-K, “related person” generally includes our directors (and director nominees), executive officers, holders of more than 5% of our voting securities, and immediate family members or affiliates of such persons.

The policy generally provides that we may enter into a related person transaction only if:

- the Audit Committee pre-approves such transaction in accordance with the guidelines set forth in the policy,
- the transaction is on terms comparable to those that could be obtained in arm’s length dealings with an unrelated third party and the Audit Committee (or the chairperson of the Audit Committee) approves or ratifies such transaction in accordance with the guidelines set forth in the policy,
- the transaction is approved by the disinterested members of our Board, or
- the transaction involves compensation approved by the Compensation Committee of our Board.

In the event a related person transaction is not pre-approved by the Audit Committee and our management determines to recommend such related person transaction to the Audit Committee, such transaction must be reviewed by the Audit Committee. After review, the Audit Committee will approve or disapprove such transaction. If our Chief Executive Officer, in consultation with our Audit Committee, determines that it is not practicable or desirable for us to wait until the next Audit Committee meeting, the chairperson of the Audit Committee will possess delegated authority to act on behalf of the Audit Committee. The Audit Committee (or the chairperson of the Audit Committee) may approve only those related person transactions that are in, or not inconsistent with, our best interests and the best interests of our stockholders, as the Audit Committee (or the chairperson of the Audit Committee) determines in good faith. All approvals made by the chairperson of the Audit Committee will be ratified by the full Audit Committee at the next regularly scheduled meeting or within 120 days from approval by the chairperson.

Our Audit Committee has determined that the following transactions, even if the amount exceeds the applicable dollar threshold set forth under Item 404 of Regulation S-K in the aggregate, will be deemed to be pre-approved by the Audit Committee:

- any employment of certain named executive officers that would be publicly disclosed;
- director compensation that would be publicly disclosed;
- transactions with other companies where the related person’s only relationship is as a director or owner of less than ten percent of such company (other than a general partnership), if the aggregate amount involved does not exceed the greater of \$200,000 or five percent of that company’s consolidated gross revenues
- transactions where all stockholders receive proportional benefits;
- transactions involving competitive bids;
- transactions with a related person involving the rendering of services at rates or charges fixed in conformity with law or governmental authority; and
- transactions with a related person involving services as a bank depository of funds, transfer agent, registrar, trustee under a trust indenture or similar services.

In addition, the Audit Committee will review the policy at least annually and recommend amendments to the policy to our Board from time to time.

The policy provides that all related person transactions will be disclosed to the Audit Committee, and all material related person transactions will be disclosed to our Board. Additionally, all related person transactions requiring public disclosure will be properly disclosed, as applicable, on our various public filings.

The Audit Committee will review all relevant information available to it about the related person transaction. The policy provides that the Audit Committee may approve or ratify the related person transaction only if the Audit Committee determines that, under all of the circumstances, the transaction is in, or is not inconsistent with, our best interests and the best interests of our stockholders. The policy also provides that the Audit Committee may, in its sole discretion, impose such conditions as it deems appropriate on us or the related person in connection with approval of the related person transaction.

OTHER INFORMATION

Stockholder Proposals

Pursuant to Rule 14a-8 under the Exchange Act, proposals by stockholders that are intended for inclusion in our Proxy Statement and proxy card and to be presented at our next annual meeting must be received by us no later than [] in order to be considered for inclusion in our proxy materials relating to our next annual meeting. Such proposals shall be addressed to our corporate Secretary at Polar Power, Inc., 249 E. Gardena Boulevard, Gardena, California 90248 and may be included in next year’s annual meeting proxy materials if they comply with rules and regulations of the Securities and Exchange Commission governing stockholder proposals.

Stockholder nominations of persons for election to our Board, or proposals by stockholders that are not intended for inclusion in our proxy materials, may be made by any stockholder who timely and completely complies with the notice procedures contained in our bylaws, was a stockholder of record at the time of giving of notice and is entitled to vote at the meeting, so long as the proposal is a proper matter for stockholder action and the stockholder otherwise complies with the provisions of our bylaws and applicable law.

In order to be properly brought before our 2026 annual meeting of stockholders, the stockholder must have given timely notice of such proposal or nomination, in proper written form. To be timely for our 2026 annual meeting of stockholders, a stockholder’s notice of a matter that the stockholder wishes to present, or the person or persons the stockholder wishes to nominate as a director, must be delivered to our corporate secretary at our principal executive offices not less than 45 days and not more than 75 days before the one-year anniversary of the date on which we first mailed our proxy materials or a notice of availability of proxy materials (whichever is earlier) for the preceding year’s annual meeting. As a result, any written notice given by a stockholder pursuant to these provisions of our bylaws must be received by our corporate secretary at our principal executive offices:

- not earlier than [], and
- not later than [].

In the event that we hold our 2027 annual meeting of stockholders more than 30 days before or more than 60 days after the one-year anniversary date of the 2026 annual meeting, then such written notice must be received not earlier than the close of business on the 120th day prior to such annual meeting and not later than the close of business on the later of the following two dates:

- the 90th day prior to such annual meeting, or

- the 10th day following the day on which public announcement of the date of such meeting is first made.

Except as otherwise provided by law, if the chairperson of the meeting determines that a nomination or any business proposed to be brought before a meeting was not made or proposed in accordance with the procedures set forth in our bylaws and summarized above, the chairperson may prohibit the nomination or proposal from being presented at the meeting.

Available Information

We are subject to the informational requirements of the Exchange Act. In accordance with the Exchange Act, we file reports, proxy statements and other information with the Securities and Exchange Commission. These materials can be inspected and copied at the Public Reference Room maintained by the Securities and Exchange Commission at 100 F Street, N.E., Washington, D.C. 20549. The public may obtain information on the operation of the Public Reference Room by calling the Securities and Exchange Commission at 1-800-SEC-0330. Our common stock trades on The Nasdaq Capital Market under the symbol "POLA."

Annual Report

A copy of our Annual Report on Form 10-K for the year ended December 31, 2025 has been provided concurrently with this Proxy Statement (or made available electronically, for stockholders who elected to access these materials over the Internet) to all stockholders entitled to notice of and to vote at the Annual Meeting. The Annual Report is not incorporated into this Proxy Statement and is not deemed to be a part of our proxy solicitation materials. Copies of our Annual Report on Form 10-K (without exhibits) for the year ended December 31, 2025 will be furnished by first class mail, without charge, to any person from whom the accompanying proxy is solicited upon written or oral request to Polar Power, Inc., 249 E. Gardena Boulevard, Gardena, California 90248, Attention: Investor Relations, telephone (310) 830-9153. If exhibit copies are requested, a copying charge of \$0.50 per page applies. In addition, all of our public filings, including our Annual Report, can be found free of charge on the website of the Securities and Exchange Commission at <http://www.sec.gov>.

ALL STOCKHOLDERS ARE URGED TO COMPLETE, SIGN AND RETURN PROMPTLY THE ACCOMPANYING PROXY CARD IN THE ENCLOSED ENVELOPE.

Forward-Looking Statements

All statements included or incorporated by reference in this Proxy Statement other than statements or characterizations of historical fact, are forward-looking statements, within the meaning of the federal securities laws, including the Private Securities Litigation Reform Act of 1995. These forward-looking statements are based on our current expectations, estimates and projections about our business and industry, management's beliefs, and certain assumptions made by us, all of which are subject to change. Forward-looking statements can often be identified by words such as "anticipates," "expects," "intends," "plans," "predicts," "believes," "seeks," "estimates," "may," "will," "should," "would," "could," "potential," "continue," "ongoing," similar expressions, and variations or negatives of these words. These forward-looking statements are not guarantees of future results and are subject to risks, uncertainties and assumptions that could cause our actual results to differ materially and adversely from those expressed in any forward-looking statement. Important risk factors that could contribute to such differences are discussed in our Annual Report on Form 10-K for the year ended December 31, 2025, subsequent Quarterly Reports on Form 10-Q, Current Reports on Form 8-K, and other Securities and Exchange Commission filings. The forward-looking statements in this Proxy Statement speak only as of this date. We undertake no obligation to revise or update publicly any forward-looking statement for any reason, except as required by law.

APPENDIX A

FORM OF

THIRD CERTIFICATE OF AMENDMENT

TO

CERTIFICATE OF INCORPORATION

OF

POLAR POWER, INC.

1. The Board of Directors of the Corporation has duly adopted resolutions (i) authorizing the Corporation to execute and file with the Secretary of State of the State of Delaware an amendment of the Corporation's Certificate of Incorporation (as amended, the "Certificate of Incorporation") to effect a reverse stock split at a ratio of 1-for- ___, (ii) declaring such amendment to be advisable and in the best interest of the Corporation, and (iii) calling for the consideration and approval thereof at a meeting of the stockholders of the Corporation.

2. Upon this Third Certificate of Amendment becoming effective, Article V of the Certificate of Incorporation of the Corporation is hereby amended by adding a new section 6 as follows:

"Section 6. Effective at 4:05 p.m., Eastern Time, on ___, 2026/2027 (the "2026/2027 Split Effective Time"), every ___ (___) shares of common stock issued and outstanding or held by the Corporation as treasury shares as of the 2026 Split Effective Time shall automatically, and without action on the part of the stockholders, convert and combine into one (1) validly issued, fully paid and non-assessable share of common stock, without effecting a change to the par value per share of common stock (the "2026/2027 Reverse Split"). No fractional shares shall be issued in connection with the 2024 Reverse Split. In lieu of any fractional shares to which the holder would otherwise be entitled, all amounts shall be rounded up to the nearest whole share. As of the 2026/2027 Split Effective Time and thereafter, a certificate(s) representing shares of common stock prior to the 2026/2027 Reverse Split is deemed to represent the number of post-2026/2027 Reverse Split shares into which the pre-2026/2027 Reverse Split shares were converted."

3. This Certificate of Amendment has been duly approved by the Board of Directors of the Corporation in accordance with Sections 141(f) and 242 of the General Corporation Law of the State of Delaware.

4. This Certificate of Amendment has been duly approved by the holders of the requisite number of shares of capital stock of the Corporation in accordance with Section 242 of the General Corporation Law of the State of Delaware and the applicable provisions of the Certificate of Incorporation.

5. This Certificate of Amendment shall become effective at 4:05 p.m., Eastern Time, on ___, 2026/2027

[Remainder of Page Intentionally Left Blank]

IN WITNESS WHEREOF, the Corporation has caused this Certificate of Amendment to be executed by its duly authorized officer this ____ day of ____, 2026/2027.

POLAR POWER, INC.

By: _____
Name: Arthur D. Sams
Title: Chief Executive Officer
