

* SPECIMEN *
1 MAIN STREET
ANYWHERE PA 99999-9999

VOTE ON INTERNET

Go to <http://www.vstocktransfer.com/proxy>

Click on Proxy Voter Login and log-on using the below control number. Voting will be open until 11:59 p.m. Eastern Time on October 13, 2026.

CONTROL

VOTE BY EMAIL

Mark, sign and date your proxy card and return it to vote@vstocktransfer.com

VOTE BY MAIL

Mark, sign and date your proxy card and return it in the envelope we have provided.

VOTE IN PERSON

If you would like to vote in person please attend the Annual Meeting to be held at 10:00 a.m., local time, on Wednesday, October 14, 2026 at our corporate headquarters at 249 E. Gardena Boulevard, Gardena, California 90248.

Please Vote, Sign, Date and Return Promptly in the Enclosed Envelope.

2026 Annual Meeting of Stockholders Proxy Card - Polar Power, Inc.

DETACH PROXY CARD HERE TO VOTE BY MAIL

The Board of Directors recommends a vote “FOR” all of the Director Nominees, every “TWO YEARS” on the advisory vote on executive compensation and “FOR” all other listed proposals.

1. Election of Directors

☐ FOR ALL NOMINEES LISTED BELOW
(except as marked to the contrary below)

☐ WITHHOLD AUTHORITY TO VOTE
FOR ALL NOMINEES LISTED BELOW

INSTRUCTION: TO WITHHOLD AUTHORITY TO VOTE FOR ONE OR MORE INDIVIDUAL NOMINEES STRIKE A LINE THROUGH THE NOMINEES' NAMES BELOW:

01 Arthur D. Sams 02 Keith Albrecht 03 Michael G. Field 04 Jim Ahern 05 Menachem “Menny” Shalom 06 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.

☐ FOR

☐ AGAINST

☐ ABSTAIN

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).

☐ FOR

☐ AGAINST

☐ ABSTAIN

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”).

☐ FOR

☐ AGAINST

☐ ABSTAIN

5. To approve, on an advisory basis, the compensation paid to our named executive officers (the “Say on Pay Proposal”).

☐ FOR

☐ AGAINST

☐ ABSTAIN

6. To approve, on an advisory basis, the frequency of the non-binding advisory vote on executive compensation (the “Say on Pay Frequency Proposal”).

☐ THREE YEARS

☐ TWO YEARS

☐ ONE YEAR

☐ ABSTAIN

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.

☐ FOR

☐ AGAINST

☐ ABSTAIN

Note: To transact such other business as may properly come before the Annual Meeting or any adjournment(s) or postponement(s) thereof.

(TO BE SIGNED ON REVERSE SIDE)

POLAR POWER, INC.
Annual Meeting of Stockholders
October 14, 2026

▼ DETACH PROXY CARD HERE TO VOTE BY MAIL ▼

THIS PROXY IS SOLICITED ON BEHALF OF THE BOARD OF DIRECTORS

The undersigned stockholder of Polar Power, Inc. (the "Company") hereby constitutes and appoints Arthur D. Sams and Luis Zavala, and each of them, with the power to appoint their substitute(s), as attorney and proxy to appear, attend and vote all of the shares of common stock of the Company standing in the name of the undersigned on the record date at the 2026 annual meeting of stockholders of the Company to be held at 10:00 a.m., local time, on Wednesday, October 14, 2026 at our corporate headquarters at 249 E. Gardena Boulevard, Gardena, California 90248.

THIS PROXY, WHEN PROPERLY EXECUTED, WILL BE VOTED IN THE MANNER DIRECTED BY THE UNDERSIGNED STOCKHOLDER. IF NO DIRECTION IS MADE, THIS PROXY WILL BE VOTED "FOR" EACH OF THE NOMINEES LISTED ABOVE, EVERY "TWO YEARS" ON THE ADVISORY VOTE ON EXECUTIVE COMPENSATION, AND "FOR" ALL OTHER PROPOSALS INDICATED AND IN ACCORDANCE WITH THE DISCRETION OF THE PROXY HOLDER ON ANY OTHER BUSINESS. ALL OTHER PROXIES HERETOFORE GIVEN BY THE UNDERSIGNED IN CONNECTION WITH THE ACTIONS PROPOSED ON THIS PROXY CARD ARE HEREBY EXPRESSLY REVOKED. THIS PROXY MAY BE REVOKED AT ANY TIME BEFORE IT IS VOTED BY WRITTEN NOTICE TO THE SECRETARY OF THE COMPANY, BY ISSUANCE OF A SUBSEQUENT PROXY OR BY VOTING IN PERSON AT THE ANNUAL MEETING.

Please check here if you plan to attend the annual meeting of stockholders on October 14, 2026 at 10:00 a.m. Local Time. ☐

Electronic Delivery of Future Proxy Materials. If you would like to reduce the costs incurred by POLAR POWER, INC. in mailing materials, you can consent to receiving all future proxy statements, proxy cards and annual reports electronically via email or the internet. To sign up for electronic delivery, please provide your email address below and check here to indicate you consent to receive or access proxy materials electronically in future years.

Email Address:



PLEASE INDICATE YOUR VOTE ON THE REVERSE SIDE

Date

Signature

Signature, if held jointly

Note: This proxy must be signed exactly as the name appears hereon. When shares are held jointly, each holder should sign. When signing as executor, administrator, attorney, trustee or guardian, please give full title as such. If the signer is a corporation, please sign full corporate name by a duly authorized officer, giving full title as such. If signer is a partnership, please sign in partnership name by an authorized person.

To change the address on your account, please check the box at right and indicate your new address.



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