

Hypersolar, Inc.
Form S-8
December 19, 2018

UNITED STATES

SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

FORM S-8

REGISTRATION STATEMENT UNDER THE SECURITIES ACT OF 1933

HYPERSOLAR, INC.

(Exact name of registrant as specified in its charter)

| | |
|---|---|
| Nevada | 26-4298300 |
| (State or other jurisdiction of incorporation or organization) | (I.R.S. Employer identification No.) |

10 E. Yanonali, Suite 36

Santa Barbara, CA 93101

(Address of principal executive offices) (Zip Code)

HyperSolar, Inc. 2019 Equity Incentive Plan

(Full title of the plan)

Timothy Young

10 E. Yanonali, Suite 36

Santa Barbara, CA 93101

(Name and address of agent for service)

(805) 966-6566

(Telephone number, including area code, of agent for service)

Copies to:

Gregory Sichenzia, Esq.

Marcelle Balcombe, Esq.

Sichenzia Ross Ference LLP

1185 Avenue of the Americas, Floor 37

New York, New York 10036

Phone: 212- 930-9700

Fax: 212-930-9725

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, a smaller reporting company, or an emerging growth company. See the definitions of “large accelerated filer,” “accelerated filer,” “smaller reporting company,” and “emerging growth company” in Rule 12b-2 of the Exchange Act.

Large accelerated filer

Accelerated filer

Non-accelerated filer

Smaller reporting company

(do not check if a smaller reporting company)

Emerging growth company

CALCULATION OF REGISTRATION FEE

| Title of each class of securities to be registered | Amount to be Registered⁽¹⁾⁽²⁾ | Proposed Maximum Offering Price Per Security | Proposed Maximum Aggregate Offering Price⁽³⁾ | Amount of Registration Fee |
|---|---|---|--|-----------------------------------|
| Common Stock, \$0.001 par value | 300,000,000 | \$ 0.01 | \$3,000,000 | \$ 363.60 |
| Total | | | \$3,000,000 | \$ 363.60 |

Pursuant to Rule 416(c) promulgated under the Securities Act of 1933, as amended, there are also registered (1) hereunder such indeterminate number of additional shares as may be issued to prevent dilution resulting from stock splits, stock dividends or similar transactions.

(2) Represents shares issuable pursuant to the HyperSolar, Inc. 2019 Equity Incentive Plan.

Estimated solely for purposes of calculating the registration fee in accordance with Rule 457(c) under the (3) Securities Act of 1933, as amended, using the average of the high and low price as reported on The OTC Pink on December 18, 2018.

PART I

INFORMATION REQUIRED IN THE SECTION 10(a) PROSPECTUS

This Registration Statement relates to two separate prospectuses.

Section 10(a) Prospectus: Items 1 and 2, from this page, and the documents incorporated by reference pursuant to Part II, Item 3 of this prospectus, constitute a prospectus that meets the requirements of Section 10(a) of the Securities Act of 1933, as amended (the “Securities Act”).

Reoffer Prospectus: The material that follows Item 2, up to but not including Part II of this Registration Statement, of which the reoffer prospectus is a part, constitutes a “reoffer prospectus,” prepared in accordance with the requirements of Part I of Form S-3 under the Securities Act. Pursuant to Instruction C of Form S-8, the reoffer prospectus may be used for reoffers or resales of shares of common stock which are deemed to be “control securities” or “restricted securities” under the Securities Act that have been acquired by the selling stockholders named in the reoffer prospectus.

Item 1. Plan Information.

HyperSolar, Inc. will provide each participant (the “Recipient”) with documents that contain information related to the HyperSolar, Inc. 2019 Equity Incentive Plan, and other information including, but not limited to, the disclosure required by Item 1 of Form S-8, which information is not filed as a part of this Registration Statement on Form S-8. The foregoing information and the documents incorporated by reference in response to Item 3 of Part II of this Registration Statement taken together constitute a prospectus that meets the requirements of Section 10(a) of the Securities Act. A Section 10(a) prospectus will be given to each Recipient who receives shares of common stock covered by this Registration Statement, in accordance with Rule 428(b)(1) under the Securities Act.

Item 2. Registrant Information and Employee Plan Annual Information.

We will provide to each Recipient a written statement advising it of the availability of documents incorporated by reference in Item 3 of Part II of this Registration Statement and of documents required to be delivered pursuant to Rule 428(b) under the Securities Act without charge and upon written or oral notice by contacting:

HyperSolar, Inc.

10 E. Yanonali, Suite 36

Santa Barbara, CA 93101

Attention: Corporate Secretary

Telephone: (805) 966-6566

Information required by Part I to be contained in Section 10(a) prospectus is omitted from the Registration Statement in accordance with Rule 428 under the Securities Act of 1933, and Note to Part I of Form S-8.

REOFFER PROSPECTUS

HyperSolar, Inc.

160,000,000 Shares of Common Stock

This reoffer prospectus relates to the sale of 160,000,000 shares of our common stock that may be offered and resold from time to time by the selling stockholders identified in this prospectus for their own account, consisting of shares issuable upon exercise of options. It is anticipated that the selling stockholders will offer shares for sale at prevailing prices on The OTC Pink on the date of sale. We will receive no part of the proceeds from sales made under this reoffer prospectus. The selling stockholders will bear all sales commissions and similar expenses. Any other expenses incurred by us in connection with the registration and offering and not borne by the selling stockholders will be borne by us.

The shares of common stock will be issued pursuant to awards granted under the HyperSolar, Inc. 2019 Equity Incentive Plan. This reoffer prospectus has been prepared for the purposes of registering the shares under the Securities Act of 1933, as amended (the “Securities Act”) to allow for future sales by selling stockholders on a continuous or delayed basis to the public without restriction.

The selling stockholders and any brokers executing selling orders on their behalf may be deemed to be “underwriters” within the meaning of the Securities Act, in which event commissions received by such brokers may be deemed to be underwriting commissions under the Securities Act.

Our common stock is quoted on The OTC Pink under the symbol “HYSR”. The last reported sale price of our common stock on The OTC Pink on December 18, 2018, was \$0.01 per share.

Investing in our common stock involves risks. See “Risk Factors” on page 3 of this reoffer prospectus.

Neither the Securities and Exchange Commission nor any state securities commission has approved or disapproved of these securities or determined if this prospectus is truthful or complete. Any representation to the contrary is a criminal offense.

The date of this prospectus is December 19, 2018.

TABLE OF CONTENTS

| | Page |
|--|------|
| <u>Prospectus Summary</u> | 1 |
| <u>Risk Factors</u> | 3 |
| <u>Cautionary Note Regarding Forward Looking Statements</u> | 3 |
| <u>Use of Proceeds</u> | 3 |
| <u>Selling Stockholders</u> | 3 |
| <u>Plan of Distribution</u> | 4 |
| <u>Legal Matters</u> | 6 |
| <u>Experts</u> | 6 |
| <u>Incorporation of Certain Documents by Reference</u> | 6 |
| <u>Disclosure of Commission Position on Indemnification For Securities Act Liabilities</u> | 7 |
| <u>Available Information to You</u> | 7 |

NO PERSON HAS BEEN AUTHORIZED TO GIVE ANY INFORMATION OR TO MAKE ANY REPRESENTATIONS, OTHER THAN THOSE CONTAINED IN THIS PROSPECTUS, IN CONNECTION WITH THE OFFERING MADE HEREBY, AND, IF GIVEN OR MADE, SUCH INFORMATION OR REPRESENTATION MUST NOT BE RELIED UPON AS HAVING BEEN AUTHORIZED BY THE COMPANY OR ANY OTHER PERSON. NEITHER THE DELIVERY OF THIS PROSPECTUS NOR ANY SALE MADE HEREUNDER SHALL UNDER ANY CIRCUMSTANCES CREATE ANY IMPLICATION THAT THERE HAS BEEN NO CHANGE IN THE AFFAIRS OF THE COMPANY SINCE THE DATE HEREOF. THIS PROSPECTUS DOES NOT CONSTITUTE AN OFFER TO SELL OR A SOLICITATION OF AN OFFER TO BUY ANY SECURITIES OFFERED HEREBY BY ANYONE IN ANY JURISDICTION IN WHICH SUCH OFFER OR SOLICITATION IS NOT AUTHORIZED OR IN WHICH THE PERSON MAKING SUCH OFFER OR SOLICITATION IS NOT QUALIFIED TO DO SO OR TO ANY PERSON TO WHOM IT IS UNLAWFUL TO MAKE SUCH OFFER OR SOLICITATION.

This Reoffer Prospectus may be supplemented from time to time to add, update or change information. To the extent that a statement contained in a prospectus supplement modifies or supersedes any statement contained in this Reoffer Prospectus, it will be deemed to be modified or superseded for purposes of this Reoffer Prospectus and will be deemed to constitute a part of this Reoffer Prospectus only as so modified. Any statement so superseded will be deemed not to constitute a part of this Reoffer Prospectus.

PROSPECTUS SUMMARY

This summary highlights information contained elsewhere in this prospectus. You should read the entire prospectus carefully, including the section entitled “Risk Factors” before deciding to invest in our common stock. In this prospectus, unless otherwise noted, “HyperSolar,” “Company,” “we,” “us,” and “our,” refers to HyperSolar, Inc., a Nevada corporation.

Business Introduction / Overview

Overview

At HyperSolar, Inc., our goal is to replace all forms of energy on earth with renewable energy.

We refer to our technology as the HyperSolar H2Generator which is comprised of the following components:

The Generator Housing - Novel (patent pending) is the first of its type to safely separate oxygen and hydrogen in the water splitting process without sacrificing efficiency. This device houses the water, the solar particles/cells and is designed with inlets and outlets for water and gasses. Utilizing a special membrane for separating the oxygen side from the hydrogen side, proton transport is increased which is the key to safely increasing solar-to-hydrogen efficiency. Our design can be scaled up and manufactured for commercial use.

The Nanoparticle or Solar Cell - Our patented nanoparticle consists of thousands of tiny solar cells that are electrodeposited into one tiny structure to provide the charge that splits the water molecule when the sun excites the electron. In the process of optimizing our nanoparticles to be efficient and only use earth abundant materials, (an ongoing process), we experimented with commercially available triple junction silicon solar cells to perform tests with our generator housing and other components. Through this experimentation, our discovery makes us believe we can bring a system to market utilizing these readily available cells while our nanoparticles are still being optimized. These solar cells also absorb the sunlight and produce the necessary charge for splitting the water molecule to produce the hydrogen and oxygen.

Oxygen Evolution Catalyst - This proprietary catalyst developed at the University of Iowa lab is uniformly applied onto the solar cell or nanoparticle and efficiently collects holes to oxidize water molecule to generate oxygen gas. The oxygen evolution catalyst must be transparent to absorb the sun's energy or light. It must be stable in alkaline, neutral and acidic environments.

Hydrogen Evolution Catalyst - Necessary for collecting electrons to reduce protons for generating hydrogen gas, we recently announced the successful integration of a low-cost hydrogen catalyst into our generator system successfully coating a triple junction solar cell with a catalyst comprised primarily of ruthenium, carbon and nitrogen that can function as well as platinum, the current catalyst used for hydrogen production, but at a 20x reduced cost.

Transparent Conductive Coating - A patent pending coating to protect our nanoparticles and solar cells from photo corrosion and efficiently transfer charges to catalysts for oxygen and hydrogen evolution reactions.

A concentrator equal to two suns - This inexpensive Fresnel lens concentrator to increase sunlight to equal two suns reduces our necessary footprint for a 1000 KG per day system by 40%.

Our business and commercialization plan calls for two generations of our panels or generators. The **first generation** utilizes readily available commercial solar cells, coated with a stability polymer and catalysts, and inserted into our proprietary panels to efficiently and safely split water into hydrogen and oxygen to produce very pure and green hydrogen that can be piped off the panel, pressurized, and stored for use in a fuel cell to power anything electric.

The **second generation** of our panels will feature a nanoparticle based technology where billions of autonomous solar cells are electrodeposited onto porous alumina sheets and manufactured in a roll to roll process and inserted into our proprietary panels. For this generation, we have received multiple patents and it is estimated that it will produce hydrogen for less than \$4 per kilogram before pressurization.

Our team at the University of Iowa led by our CTO Dr. Joun Lee, has reach a milestone of 365 consecutive hours of continuous hydrogen production utilizing completely immersed solar cells with no external biases achieving simulated production equal to one year. We believe this to be a record for completely immersed cells. Now ready to take our technology out of the lab, we are working with several vendors to commercialize and manufacturer our first generation of renewable hydrogen panels that use sunlight and water to generate hydrogen. We are currently working towards building a pilot plant in 2019 adjacent to a large company distribution or fulfillment center so they can power their fuel cell forklifts and materials handling equipment with completely renewable hydrogen vs. having to transport steam reformed hydrogen where the production process emits tons of harmful emissions and must be transported.

We anticipate that the HyperSolar H2Generator will be a self-contained renewable hydrogen production system that requires only sunlight and any source of water. As a result, it can be installed almost anywhere to produce hydrogen fuel at or near the point of distribution, for local use. We believe this model of hydrogen production addresses one of the biggest challenges of using clean hydrogen fuel on a large scale which is the transportation of hydrogen.

Each stage of the HyperSolar H2Generator can be scaled independently according to the hydrogen demands and length of storage required for a specific application. A small-scale system can be used to produce continuous renewable electricity for a small house, or a large scale system can be used to produce hydrogen to power a community.

Corporate Information

Our principal executive offices are located at 10 E. Yanonali, Suite 36, Santa Barbara, CA 93101. Our telephone number is (805) 966-6566. Our website address is www.HyperSolar.com. We have included our website address as an

inactive textual reference only. The information contained on, or that can be accessed through, our website is not a part of this prospectus.

About This Offering

This offering relates to the resale by the selling stockholders of up to 160,000,000 shares of common stock issuable upon exercise of options. The selling stockholders will acquire such shares pursuant to grants which are currently contemplated and will be made pursuant to the HyperSolar, Inc. 2019 Equity Incentive Plan.

RISK FACTORS

Investing in our common stock involves a high degree of risk. Before making an investment decision, you should consider carefully the risks, uncertainties and other factors described in our most recent Annual Report on Form 10-K, as supplemented and updated by subsequent quarterly reports on Form 10-Q and current reports on Form 8-K that we have filed or will file with the SEC, which are incorporated by reference into this prospectus.

Our business, affairs, prospects, assets, financial condition, results of operations and cash flows could be materially and adversely affected by these risks. For more information about our SEC filings, please see “Additional Information Available to You”.

CAUTIONARY NOTE REGARDING FORWARD-LOOKING STATEMENTS

This prospectus and the documents incorporated by reference herein contain forward-looking statements within the meaning of Section 27A of the Securities Act and Section 21E of the Securities Exchange Act of 1934, as amended (the “Exchange Act”), and we intend that such forward-looking statements be subject to the safe harbors created thereby. All statements, other than statements of historical fact, including statements regarding our strategy, future operations, future financial position, future revenues, projected costs, prospects, plans and objectives of management, are forward-looking statements. The words “anticipate,” “believe,” “continue,” “should,” “estimate,” “expect,” “intend,” “may,” “project,” “will,” and similar expressions are intended to identify forward-looking statements, although not all forward-looking statements contain these identifying words.

We may not actually achieve the plans, intentions or expectations disclosed in our forward-looking statements, and you should not place undue reliance on our forward-looking statements. Actual results or events could differ materially from the plans, intentions and expectations disclosed in the forward-looking statements we make. We have included important factors in the cautionary statements included and incorporated by reference in this prospectus that we believe could cause actual results or events to differ materially from the forward-looking statements that we make. See the section entitled “Risk Factors” herein for more information. You should consider these factors and other cautionary statements made in this prospectus and in the documents we incorporate by reference as being applicable to all related forward-looking statements wherever they appear in the prospectus and in the documents incorporated by reference. We do not assume any obligation to update any forward-looking statements, except as may be required under applicable law.

USE OF PROCEEDS

We will not receive any proceeds from the sale of shares of common stock offered by the selling stockholders.

SELLING STOCKHOLDERS

This prospectus relates to the offering by the selling stockholders of up to 160,000,000 shares of common stock. All of such shares are issuable upon exercise of options under the Company's 2019 Equity Incentive Plan.

The following table sets forth, based on information provided to us by the selling stockholders or known to us, the name of each selling stockholder, the nature of any position, office or other material relationship, if any, which the selling stockholder has had, within the past three years, with us or with any of our predecessors or affiliates, and the number of shares of our common stock beneficially owned by the selling stockholder before this offering. The number of shares owned are those beneficially owned, as determined under the rules of the SEC, and the information is not necessarily indicative of beneficial ownership for any other purpose. Under these rules, beneficial ownership includes any shares of common stock as to which a person has sole or shared voting power or investment power and any shares of common stock which the person has the right to acquire within 60 days through the exercise of any option, warrant or right, through conversion of any security or pursuant to the automatic termination of a power of attorney or revocation of a trust, discretionary account or similar arrangement. None of the selling stockholders is a broker-dealer or an affiliate of a broker-dealer. Percentage of ownership is based on 885,073,787 shares of common stock outstanding on December 18, 2018.

We have assumed all shares of common stock reflected on the table will be sold from time to time in the offering covered by this prospectus. Because the selling stockholders may offer all or any portions of the shares of common stock listed in the table below, no estimate can be given as to the amount of those shares of common stock covered by this prospectus that will be held by the selling stockholders upon the termination of the offering.

| Selling Stockholder | Number of Shares Beneficially Owned Before Offering | Number of Shares Offered | Number of Shares Beneficially Owned After Offering | Percentage of Shares Beneficially Owned After Offering |
|----------------------------|--|---------------------------------|---|---|
| Timothy Young | 160,000,000 | 150,000,000 | 10,000,000 | * |
| Mark J. Richardson | 10,000,000 | 10,000,000 | 0 | 0 |

* Less than 1%

PLAN OF DISTRIBUTION

Timing of Sales

The selling stockholders may offer and sell the shares covered by this prospectus at various times. The selling stockholders will act independently of our company in making decisions with respect to the timing, manner and size of each sale.

To our knowledge, no selling stockholder has any agreement or understanding, directly or indirectly, with any person to resell the shares of common stock covered by this prospectus.

Offering Price

The sales price offered by the selling stockholders to the public may be:

1. the market price prevailing at the time of sale;
2. a price related to such prevailing market price; or
3. such other price as the selling stockholders determine from time to time.

Manner of Sale

The shares of common stock may be sold by means of one or more of the following methods:

1. a block trade in which the broker-dealer so engaged will attempt to sell the shares of common stock as agent, but may position and resell a portion of the block as principal to facilitate the transaction;

2. purchases by a broker-dealer as principal and resale by that broker-dealer for its account pursuant to this prospectus;
3. ordinary brokerage transactions in which the broker solicits purchasers;
4. through options, swaps or derivatives;

4

5. in transactions to cover short sales;

6. privately negotiated transactions; or

7. in a combination of any of the above methods.

The selling stockholders may sell their shares of common stock directly to purchasers or may use brokers, dealers, underwriters or agents to sell their shares of common stock. Brokers or dealers engaged by the selling stockholders may arrange for other brokers or dealers to participate. Brokers or dealers may receive commissions, discounts or concessions from the selling stockholders, or, if any such broker-dealer acts as agent for the purchaser of shares of common stock, from the purchaser in amounts to be negotiated immediately prior to the sale. The compensation received by brokers or dealers may, but is not expected to, exceed that which is customary for the types of transactions involved.

Broker-dealers may agree with a selling stockholder to sell a specified number of shares of common stock at a stipulated price per common share, and, to the extent the broker-dealer is unable to do so acting as agent for a selling stockholder, to purchase as principal any unsold shares of common stock at the price required to fulfill the broker-dealer commitment to the selling stockholder.

Broker-dealers who acquire shares of common stock as principal may thereafter resell the shares of common stock from time to time in transactions, which may involve block transactions and sales to and through other broker-dealers, including transactions of the nature described above, on The OTC Pink or otherwise at prices and on terms then prevailing at the time of sale, at prices then related to the then-current market price or in negotiated transactions. In connection with resales of the shares of common stock, broker-dealers may pay to or receive from the purchasers of shares commissions as described above.

If the selling stockholders enter into arrangements with brokers or dealers, as described above, we are obligated to file a post-effective amendment to this registration statement disclosing such arrangements, including the names of any broker-dealers acting as underwriters.

The selling stockholders and any broker-dealers or agents that participate with the selling stockholders in the sale of the shares of common stock may be deemed to be “underwriters” within the meaning of the Securities Act. In that event, any commissions received by broker-dealers or agents and any profit on the resale of the shares of common stock purchased by them may be deemed to be underwriting commissions or discounts under the Securities Act.

Sales Pursuant to Rule 144

Any shares of common stock covered by this prospectus which qualify for sale pursuant to Rule 144 under the Securities Act may be sold under Rule 144 rather than pursuant to this prospectus.

Regulation M

The selling stockholders must comply with the requirements of the Securities Act and the Exchange Act in the offer and sale of the common stock. In particular we will advise the selling stockholders that the anti-manipulation rules of Regulation M under the Exchange Act may apply to sales of shares of common stock in the market and to the activities of the selling stockholders and their affiliates. Regulation M under the Exchange Act prohibits, with certain exceptions, participants in a distribution from bidding for, or purchasing for an account in which the participant has a beneficial interest, any of the securities that are the subject of the distribution.

Accordingly, during such times as a selling stockholder may be deemed to be engaged in a distribution of the common stock, and therefore be considered to be an underwriter, the selling stockholder must comply with applicable law and, among other things:

1. may not engage in any stabilization activities in connection with our common stock;

2. may not cover short sales by purchasing shares while the distribution is taking place; and
3. may not bid for or purchase any of our securities or attempt to induce any person to purchase any of our securities other than as permitted under the Exchange Act.

In addition, we will make copies of this prospectus available to the selling stockholders for the purpose of satisfying the prospectus delivery requirements of the Securities Act.

State Securities Laws

Under the securities laws of some states, the shares of common stock may be sold in such states only through registered or licensed brokers or dealers. In addition, in some states the shares of common stock may not be sold unless the shares have been registered or qualified for sale in the state or an exemption from registration or qualification is available and is complied with.

Expenses of Registration

We are bearing all costs relating to the registration of the common stock. The selling stockholders, however, will pay any commissions or other fees payable to brokers or dealers in connection with any sale of the common stock.

LEGAL MATTERS

The validity of the common stock has been passed upon by Sichenzia Ross Ference LLP, New York, New York.

EXPERTS

The consolidated balance sheets of the Company as of June 30, 2018 and 2017, and the related consolidated statements of operations, shareholders' equity and cash flows for the years then ended have been incorporated in reliance on the report of Liggett & Webb, P.A., an independent registered public accounting firm, incorporated herein

by reference, given on the authority of said firm as experts in auditing and accounting.

INCORPORATION OF CERTAIN DOCUMENTS by Reference

The Securities and Exchange Commission, or SEC, allows us to incorporate by reference certain of our publicly filed documents into this prospectus, which means that such information is considered part of this prospectus. Information that we file with the SEC subsequent to the date of this prospectus will automatically update and supersede this information. We incorporate by reference the documents listed below and any future filings made with the SEC under all documents subsequently filed by us pursuant to Section 13(a), 13(c), 14 or 15(d) of the Exchange Act until the selling stockholders have sold all of the shares offered hereby or such shares have been deregistered.

our Annual Report on Form 10-K for the fiscal year ended June 30, 2018, filed with the SEC on September 25, 2018;

our Quarterly Report on Form 10-Q for the period ended December 31, 2017, filed with the SEC on February 12, 2018;

our Quarterly Report on Form 10-Q for the period ended March 31, 2018, filed with the SEC on May 15, 2018;

our Quarterly Report on Form 10-Q for the period ended September 30, 2018, filed with the SEC on November 1, 2018;

our Current Reports on Form 8-K filed with the SEC on June 18, 2018, June 29, 2018, July 13, 2018, August 6, 2018, August 14, 2018, and October 12, 2018;

our Definitive Information Statement on Schedule 14C filed with the SEC on August 3, 2018; and

the description of our common stock, which is contained in the registration statement on Form 8-A12G filed with the SEC on June 14, 2011 (File No. 000-54437), including any amendments or reports filed for the purpose of updating that description.

Notwithstanding the foregoing, information furnished under Items 2.02 and 7.01 of any Current Report on Form 8-K, including the related exhibits, is not incorporated by reference in this Registration Statement.

Disclosure Of Commission Position On Indemnification

For Securities Act Liabilities

The Company's Certificate of Incorporation eliminates the personal liability of directors to the fullest extent permitted by the Nevada General Corporation Law and, together with the Company's Bylaws, provides that the Company shall indemnify and hold harmless, to the fullest extent permitted by applicable law as it may be amended or supplemented, any person who was or is made or is threatened to be made a party or is otherwise involved in any action, suit or proceeding, whether civil, criminal, administrative or investigative, by reason of the fact that such person, or a person for whom such person is the legal representative, is or was a director or officer of the Company or, while a director or officer of the Company, is or was serving at the request of the Company as a director, officer, employee or agent of another corporation or of a partnership, joint venture, trust, enterprise or nonprofit entity, including service with respect to employee benefit plans, against all liability and loss suffered and expenses (including attorneys' fees) reasonably incurred by such person. The Company has also obtained liability insurance for its officers and directors.

The Company has an insurance policy that insures the Company's directors and officers, within the limits and subject to the limitations of the policy, against certain expenses in connection with the defense of actions, suits or proceedings, and certain liabilities that might be imposed as a result of such actions, suits or proceedings, to which they are parties by reason of being or having been directors or officers.

Insofar as indemnification for liabilities arising under the Securities Act may be permitted to our directors, officers and controlling persons pursuant to the foregoing provisions, or otherwise, we have been advised that in the opinion of the Securities and Exchange Commission such indemnification is against public policy as expressed in the Securities Act and is, therefore, unenforceable.

Additional Information Available to You

This prospectus is part of a Registration Statement on Form S-8 that we filed with the SEC. Certain information in the Registration Statement has been omitted from this prospectus in accordance with the rules of the SEC. We file annual, quarterly and special reports, proxy statements and other information with the SEC. You can inspect and copy the Registration Statement as well as reports, proxy statements and other information we have filed with the SEC at the public reference room maintained by the SEC at 100 F Street N.E. Washington, D.C. 20549, You can obtain copies from the public reference room of the SEC at 100 F Street N.E. Washington, D.C. 20549, upon payment of certain fees. You can call the SEC at 1-800-732-0330 for further information about the public reference room. We are also required to file electronic versions of these documents with the SEC, which may be accessed through the SEC's World Wide Web site at <http://www.sec.gov>. No dealer, salesperson or other person is authorized to give any information or to make any representations other than those contained in this prospectus, and, if given or made, such information or representations must not be relied upon as having been authorized by us. This prospectus does not constitute an offer to buy any security other than the securities offered by this prospectus, or an offer to sell or a solicitation of an offer to buy any securities by any person in any jurisdiction where such offer or solicitation is not authorized or is unlawful. Neither delivery of this prospectus nor any sale hereunder shall, under any circumstances, create any implication that there has been no change in the affairs of our company since the date hereof.

PART II

INFORMATION REQUIRED IN THE REGISTRATION STATEMENT

Item 3. Incorporation of Documents by Reference.

The Company hereby incorporates by reference into this Registration Statement the documents listed below. In addition, all documents subsequently filed pursuant to Sections 13(a), 13(c), 14 and 15(d) of the Exchange Act, prior to the filing of a post-effective amendment which indicates that all securities offered have been sold or which deregisters all securities then remaining unsold, shall be deemed to be incorporated by reference into this Registration Statement and to be a part hereof from the date of filing of such documents.

our Annual Report on Form 10-K for the fiscal year ended June 30, 2018, filed with the SEC on September 25, 2018;

our Quarterly Report on Form 10-Q for the period ended December 31, 2017, filed with the SEC on February 12, 2018;

our Quarterly Report on Form 10-Q for the period ended March 31, 2018, filed with the SEC on May 15, 2018;

our Quarterly Report on Form 10-Q for the period ended September 30, 2018, filed with the SEC on November 1, 2018;

our Current Reports on Form 8-K filed with the SEC on June 18, 2018, June 29, 2018, July 13, 2018, August 6, 2018, August 14, 2018, and October 12, 2018;

our Definitive Information Statement on Schedule 14C filed with the SEC on August 3, 2018; and

the description of our common stock, which is contained in the registration statement on Form 8-A12G filed with the SEC on June 14, 2011 (File No. 000-54437), including any amendments or reports filed for the purpose of updating that description.

Notwithstanding the foregoing, information furnished under Items 2.02 and 7.01 of any Current Report on Form 8-K, including the related exhibits, is not incorporated by reference in this Registration Statement.

Item 4. Description of Securities.

Not applicable.

Item 5. Interests of Named Experts and Counsel.

None.

Item 6. Indemnification of Directors and Officers.

The Company's Bylaws provides that the Company shall indemnify each person who has been or is a party or is threatened to be made a party to any threatened, pending or completed action, suit or proceeding, whether civil, criminal, administrative, investigative, or appellate (other than an action by or in the right of the Company) by reason of the fact that such person is or was serving as a director or officer of the Company, or was serving at the request of the Company as a director, officer, trustee or other comparable position, against all liabilities and expenses, including, without limitation, judgments, amounts paid in settlement (provided that such settlement and all amounts paid in connection therewith are approved in advance by the Company, which approval shall not be unreasonably withheld or delayed), attorneys' fees, ERISA excise taxes or penalties, fines, and other expenses actually and reasonably incurred by such person in connection with such action, suit, or proceeding (including, without limitation, the investigation, defense, settlement, or appeal of such action, suit, or proceeding) if such person acted in good faith and in a manner such person reasonably believed to be in or not opposed to the best interests of the Company, and, with respect to any criminal action or proceeding, had no reasonable cause to believe such person's conduct was unlawful; provided, however, that the Company shall not be required to indemnify or advance expenses to any such person seeking indemnification or advancement of expenses in connection with an action, suit, or proceeding initiated by such person (including, without limitation, any cross-claim or counterclaim) unless the initiation of such action, suit, or proceeding was authorized by the Board of Directors of the Company.

The Company's Bylaws also provides that the Company shall indemnify each person who has been or is a party or is threatened to be made a party to any threatened, pending, or completed action, suit, or proceeding by or in the right of the Company to procure a judgment in its favor by reason of the fact that such person is or was serving as a director or officer of the Company, or was serving at the request of the Company as a director, officer, trustee or other comparable position, against amounts paid in settlement thereof (provided that such settlement and all amounts paid in connection therewith are approved in advance by the Company, which approval shall not be unreasonably withheld or delayed) and all expenses (including attorneys' fees) actually and reasonably incurred by such person in connection with the defense or settlement of such action, suit, or proceeding (including without limitation the investigation, defense, settlement, or appeal of such action, suit, or proceeding) if such person acted in good faith and in a manner such person reasonably believed to be in or not opposed to the best interests of the Company; except that no indemnification shall be made in respect of any claim, issue or matter in any action, suit or proceeding by or in the right of the Corporation as to which such person shall have been adjudged to be liable for negligence or misconduct in the performance of such person's duty to the Company unless and only to the extent that the court in which the action, suit, or proceeding is brought determines upon application that, despite the adjudication of liability and in view of all the circumstances of such case, the person is fairly and reasonably entitled to indemnity for such expenses that the court shall deem proper.

The Company has an insurance policy that insures the Company's directors, officers and those serving at the request of the Company as a director, officer, trustee or other comparable position, within the limits and subject to the limitations of the policy, against certain expenses in connection with the defense of actions, suits or proceedings, and certain liabilities that might be imposed as a result of such actions, suits or proceedings, to which they are parties by reason of being or having been directors or officers.

Item 7. Exemption from Registration Claimed.

Not applicable.

Item 8. Exhibits.

Exhibit Number Description

| | |
|------|--|
| 5.1 | <u>Opinion of Sichenzia Ross Ference LLP</u> |
| 10.1 | <u>HyperSolar, Inc. 2019 Equity Incentive Plan</u> |
| 23.1 | <u>Consent of Liggett & Webb, P.A.</u> |
| 23.2 | <u>Consent of Sichenzia Ross Ference LLP (included in Exhibit 5.1)</u> |
| 24.1 | <u>Power of Attorney (included on the signature page)</u> |

Item 9. Undertakings.

(a) The Company hereby undertakes:

(1) To file, during any period in which offers or sales are being made, a post-effective amendment to this Registration Statement:

(i) To include any prospectus required by Section 10(a)(3) of the Securities Act of 1933.

II-2

To reflect in the prospectus any facts or events arising after the effective date of the Registration Statement (or the most recent post-effective amendment thereof) which, individually or in the aggregate, represent a fundamental change in the information set forth in the Registration Statement. Notwithstanding the foregoing, any increase or decrease in volume of securities offered (if the total dollar value of securities offered would not (ii) exceed that which was registered) and any deviation from the low or high end of the estimated maximum offering range may be reflected in the form of prospectus filed with the Securities and Exchange Commission pursuant to Rule 424(b) if, in the aggregate, the changes in volume and price represent no more than 20 percent change in the maximum aggregate offering price set forth in the "Calculation of Registration Fee" table in the effective Registration Statement.

To include any material information with respect to the plan of distribution not previously disclosed in the Registration Statement or any material change to such information in the Registration Statement; provided, however, that (A) paragraphs (a)(1)(i) and (a)(1)(ii) of this section do not apply if the Registration Statement is on Form S-8 (§239.16b of Regulation S-K), and the information required to be included in a post-effective amendment by those paragraphs is contained in reports filed with or furnished to the Securities and Exchange Commission by the Company pursuant to section 13 or section 15(d) of the Exchange Act (15 U.S.C. 78m or 78o(d)) that are incorporated by reference in the Registration Statement; and (B) paragraphs (a)(1)(i), (a)(1)(ii) (iii) and (a)(1)(iii) do not apply if the Registration Statement is on Form S-3 or Form F-3, and the information required to be included in a post-effective amendment by those paragraphs is contained in reports filed with or furnished to the Securities and Exchange Commission by the Company pursuant to Section 13 or Section 15(d) of the Exchange Act that are incorporated by reference in the Registration Statement, or is contained in a form of prospectus filed pursuant to Rule 424(b) that is part of the Registration Statement; provided further, however, that paragraphs (a)(1)(i) and (a)(1)(ii) do not apply if the Registration Statement is for an offering of asset-backed securities on Form S-1 or Form S-3, and the information required to be included in a post-effective amendment is provided pursuant to Item 1100(c) of Regulation AB.

That, for the purpose of determining any liability under the Securities Act of 1933, each such post-effective (2) amendment shall be deemed to be a new registration statement relating to the securities offered therein, and the offering of such securities at that time shall be deemed to be the initial bona fide offering thereof.

(3) To remove from registration by means of a post-effective amendment any of the securities being registered which remain unsold at the termination of the offering.

(4) That, for the purpose of determining liability under the Securities Act of 1933 to any purchaser:

(A) Each prospectus filed by a Registrant pursuant to Rule 424(b)(3) shall be deemed to be part of the registration statement as of the date the filed prospectus was deemed part of and included in the registration statement; and

(B) Each prospectus required to be filed pursuant to Rule 424(b)(2), (b)(5) or (b)(7) as part of a registration statement in reliance on Rule 430B relating to an offering made pursuant to Rule 415(a)(1)(i), (vii) or (x) for the purpose of providing the information required by Section 10(a) of the Securities Act of 1933 shall be deemed to be part of and included in the registration statement as of the earlier of the date such form of prospectus is first used after effectiveness or the date of the first contract of sale of securities in the offering described in the prospectus. As

provided in Rule 430B, for liability purposes of the issuer and any person that is at that date an underwriter, such date shall be deemed to be a new effective date of the registration statement relating to the securities in the registration statement to which the prospectus relates, and the offering of such securities at that time shall be deemed to be the initial bona fide offering thereof. Provided, however, that no statement made in a registration statement or prospectus that is part of the registration statement or made in a document incorporated or deemed incorporated by reference into the registration statement or prospectus that is part of the registration statement will, as to a purchaser with a time of contract of sale prior to such effective date, supersede or modify any statement that was made in the registration statement or prospectus that was part of the registration statement or made in any such document immediately prior to such effective date.

The Company hereby undertakes that, for purposes of determining any liability under the Securities Act, each filing of the Company's annual report pursuant to Section 13(a) or Section 15(d) of the Exchange Act that is (b) incorporated by reference in this Registration Statement shall be deemed to be a new registration statement relating to the securities offered therein, and the offering of such securities at that time shall be deemed to be the initial bona fide offering thereof.

Insofar as indemnification for liabilities arising under the Securities Act may be permitted to directors, officers and controlling persons of the Company pursuant to the foregoing provisions, or otherwise, the Company has been advised that in the opinion of the Securities and Exchange Commission such indemnification is against public policy as expressed in the Securities Act, and is, therefore, unenforceable. In the event that a claim for (c) indemnification against such liabilities (other than the payment by the Company of expenses incurred or paid by a director, officer or controlling person of the Company in the successful defense of any action, suit or proceeding) is asserted by such director, officer or controlling person in connection with the securities being registered, the Company will, unless in the opinion of its counsel the matter has been settled by controlling precedent, submit to a court of appropriate jurisdiction the question whether such indemnification by it is against public policy as expressed in the Securities Act and will be governed by the final adjudication of such issue.

SIGNATURES

Pursuant to the requirements of the Securities Act of 1933, the registrant certifies that it has reasonable grounds to believe that it meets all of the requirements for filing on Form S-8 and has duly caused this registration statement to be signed on its behalf by the undersigned, thereunto duly authorized, in the City of Santa Barbara, State of California, on December 19, 2018.

HyperSolar, Inc.

By: */s/ Timothy Young*

Timothy Young

Its: Chief Executive Officer & Acting Chief Financial Officer
(Principal Executive Officer)

(Principal Accounting and Financial Officer)

Each person whose signature appears below constitutes and appoints Timothy Young as his true and lawful attorney in fact and agent, with full powers of substitution and resubstitution, for him and in his name, place and stead, in any and all capacities, to sign any or all amendments (including post effective amendments) to the Registration Statement, and to file the same, with all exhibits thereto, and all documents in connection therewith, with the Securities and Exchange Commission, granting unto said attorney-in-fact and agent, each acting alone, full power and authority to do and perform each and every act and thing requisite and necessary to be done in and about the premises, as fully to all intents and purposes as he or she might or could do in person, hereby ratifying and confirming all that said attorney-in-fact and agent, each acting alone, or his or her substitute or substitutes, may lawfully do or cause to be done by virtue hereof.

Pursuant to the requirements of the Securities Act of 1933, this registration statement has been signed below by the following persons in the capacities and on the dates indicated.

/s/ Timothy Young

December 19, 2018

Timothy Young

Chief Executive Officer,

Acting Chief Financial Officer and Director

(Principal Executive Officer)

(Principal Accounting and Financial Officer)

/s/ Mark J. Richardson

December 19, 2018

Mark J. Richardson

Director

II-4