

SOLARFUN POWER HOLDINGS CO., LTD.

FORM 6-K (Report of Foreign Issuer)

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**SECURITIES AND EXCHANGE COMMISSION
WASHINGTON, D.C. 20549**

FORM 6-K

REPORT OF FOREIGN ISSUER

**Pursuant to Rule 13a-16 or 15d-16 of
the Securities Exchange Act of 1934**

For the Month of February, 2010

Commission File Number 1-33208

SOLARFUN POWER HOLDINGS CO., LTD.

**666 Linyang Road
Qidong, Jiangsu Province 226200
People's Republic of China**
(Address of Principal Executive Offices)

(Indicate by check mark whether the registrant files or will file annual reports under cover of Form 20-F or Form 40-F.)

Form 20-F ☒ Form 40-F ☐

(Indicate by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulation S-T Rule 101(b)(1).)

Yes ☐ No ☒

(Indicate by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulation S-T Rule 101(b)(7).)

Yes ☐ No ☒

(Indicate by check mark whether the registrant by furnishing the information contained in this Form is also thereby furnishing the information to the Commission pursuant to Rule 12g3-2(b) under the Securities Exchange Act of 1934.)

Yes ☐ No ☒

(If "Yes" is marked, indicate below the file number assigned to the registrant in connection with Rule 12g3-2(b): 82-)

Solarfun Power Holdings Co., Ltd. (the "Registrant") is furnishing under the cover of Form 6-K:

99.1 Press Release Dated January 29, 2010.

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

SOLARFUN POWER HOLDINGS CO., LTD

Date: February 3, 2010.

By: /s/ Ping Peter Xie

Name: Ping Peter Xie

Title: President of Solarfun Power Holdings Co.,
Ltd.

Solarfun Announces Introduction of 'ECLIPSE' With Reduced LID

SHANGHAI, Feb. 3 /PRNewswire-FirstCall/ -- Solarfun Power Holdings Co., Ltd. ("Solarfun" or "the Company") (Nasdaq: SOLF), a vertically integrated manufacturer of silicon ingots and photovoltaic "PV" cells and modules in China, today announced the introduction of "ECLIPSE", a new line of PV cells and modules with reduced light induced degradation (LID).

The largest percentage of degradation of PV modules occurs during the first day of sun exposure. "ECLIPSE" reduces the impurity concentration in cells, therefore reducing the relative LID to about 1% from 2% to 3%, or less than 2W compared to about 4W to 5W for a 180W module equipped with standard cells.

This results in an increase in electricity generation of about 1% to 2% more power over a one-, five-, 10-, and 25- year period when compared with standard modules.

Peter Xie, President of Solarfun, commented, "We have devoted considerable resources and management attention to develop and produce differentiated products. We are proud to introduce this innovation in our new 'ECLIPSE' line with reduced LID. The advance is made possible by our vertically integrated manufacturing model and ability to control the quality of raw materials throughout the production process. By adjusting chemical properties in both the ingot-making and cell-processing phases of manufacturing, we have achieved a low concentration of impurity while still maintaining high yields. We remain committed to our strategy of continually enhancing our technology to produce differentiated and more efficient products for our customers."

This report on Form 6-K is hereby incorporated by reference into the Company's Registration Statement on Form F-3 (Registration No. 333-15200 5) filed on July 14,2008.

ABOUT SOLARFUN

Solarfun Power Holding Co. Ltd. manufactures both PV cells and PV modules, provides PV cell processing services to convert silicon wafers into PV cells and supplies solar system integration services in China. Solarfun produces both monocrystalline and multicrystalline silicon cells and modules and manufactures 100% of its modules with PV cells produced in-house. Solarfun sells its products both through third-party distributors, OEM manufacturers and directly to system integrators. Solarfun was founded in 2004 and its products have been certified to TUV and UL safety and quality standards. SOLF-G

www.solarfun-power.com

For further information, please contact:

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