

Certificate

Registration No.: PV 50295038

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Report No.: 50016926 001

License Holder:

S-Energy Co., Ltd.

3rd Fl, Miraeasset Tower, 20
Pangyoyeok-ro, 241 (ibaeksasibil) beon-gil
Bundang-gu, Seongnam-si, Gyeonggi-Do
463-400, Rep. of Korea

Product:

PV Module

Type: SNxxxP-10 series

xxx = 280-330 in 5W steps (72cells)
230-280 in 5W steps (60cells)

Manufacturing Plant:

260, Gapcheon-ro
Yuseong-gu, Daejeon
305-510, Rep. of Korea

Basis:

- IEC 61215:2005**
EN 61215:2005
"Crystalline silicon terrestrial
photovoltaic (PV) modules - Design
qualification and type approval"



- Factory Inspection**
To document the consistent quality of
the product factory inspections are
performed periodically.

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ID 0000043356

Remarks:

-The mechanical load test of IEC/EN 61215:2005 was performed with a load of 5400Pa.

Conditions:

The product test is voluntarily according to technical regulations. Any change of the design, materials, components or processing may require the repetition of some of the qualification tests in order to retain type approval.

The certificate has a validity of 5 years counting from date of issue.

Seoul, 27 October 2014

TÜV Rheinland Korea Ltd. – Seoul 152-719, Republic of Korea



Certification body

Sung-Won, Hong

Certificate

Registration No.: PV 50295040

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Report No.: 50016926 002

License Holder:

S-Energy Co., Ltd.

3rd Fl, Miraeasset Tower, 20
Pangyojeok-ro, 241 (ibaeksasibil) beon-gil
Bundang-gu, Seongnam-si, Gyeonggi-Do
463-400, Rep. of Korea

Product:

PV Module

Type: SNxxxP-10 series

xxx = 280-330 in 5W steps (72cells)
230-280 in 5W steps (60cells)

Manufacturing Plant:

260, Gapcheon-ro
Yuseong-gu, Daejeon
305-510, Rep. of Korea

Basis:

- IEC 61730-1:2004
IEC 61730-2:2004
EN 61730-1:2007
EN 61730-2:2007
"Photovoltaic (PV) module safety qualification"



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- Factory Inspection**
To document the consistent quality of the product factory inspections are performed periodically.

Remarks:

- IEC EN 61730 consists of part 1 (Requirements for construction) and part 2 (Requirements for testing).
- The above listed PV modules fulfil the requirements of Application Class A (Safety Class II). They may be used in PV plants at a maximum system voltage (Voc at STC) of up to **1000 VDC**.
- The above listed PV modules fulfil the requirements of fire rating Class C.

Conditions:

The product test is voluntarily according to technical regulations. Any change of the design, materials, components or processing may require the repetition of some of the qualification tests in order to retain type approval.

The certificate has a validity of 5 years counting from date of issue.



Certification body

Sung-Won, Hong

Seoul, 27 October 2014

TÜV Rheinland Korea Ltd. – Seoul 152-719, Republic of Korea