

Certificate

Registration No.: PV 50177988

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Report No.: 12607145 012

License Holder:
Solar Frontier K. K.
Daiba Frontier Bldg.
2-3-2 Daiba, Minato-ku
Tokyo, 135-8074, Japan

Product:
PV Module

Addition

Type: SFxxx-H, SFxxx-I, SFxxx-J,
SFxxx-L, SFxxx-M

(xxx = 130, 135, 140)

Manufacturing Plant:
Solar Frontier K. K.
Kunitomi Plant
1815 Tajiri, Kunitomi-cho
Higashimorokata-gun
Miyazaki, 880-1104, Japan

Basis:

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



- Periodic inspection
- Qualified, IEC 61646
- Safety tested, IEC 61730

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

Remarks:

- Additional Factory see above.
- Additional type designations see above.
- 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 fire test (IEC 61730-2 / MST 23) was not performed.
- The details of the factory inspection are documented in report no. 12608289.

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 is valid for 5 years from the date of issue stated on page 1.



Yokohama, 20 January 2011

Certification body

Dipl.-Ing. M. Geiser

TÜV Rheinland Japan Ltd. – Yokohama 222-0033, Japan