

# Certificate

Registration No.: PV 50177988

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Report No.: 12607145 036

**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-L, SFxxx-M

(xxx = 155)

**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"

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



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

## Remarks:

- 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.**



Certification body



Dipl.-Ing. J. Taylor

Yokohama, 11 July 2011

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