

# Certificate

Registration No.: PV 60039947

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Report No.: 21170555.001

**License Holder:**

**Solar Frontier K.K.**

Daiba Frontier Bldg. 2-3-2 Daiba  
Minato-ku, Tokyo  
Japan

**Product:**

**PV Module**

Type:

SFxxx-L

(xxx = 130, 135, 140, 145, 150)

**Manufacturing Plant:**

Solar Frontier K.K.

Kunitomi Plant

1815 Tajiri, Kunitomi-cho

Higashimorokata-gun

Miyazaki, 880-1104

Japan

**Basis:**

**2PFG 1917/05.11**  
"Ammonia corrosion testing of photovoltaic (PV) modules"

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



- Ammonia resistance tested
- Periodic inspection

**Remarks:**

- The details of the factory inspection are documented in report no. 12608289.
- Valid in conjunction with TÜV Rheinland certificate based on IEC EN 61646.

**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. Accordingly the repetition of the tests that are basis of this certificate may be required.

**The certificate is valid until 27 February 2016.**

**Certification body**



Cologne, 8 July 2011

Dipl.-Ing. M. Adrian