

Certificate

Registration No.: PV 60028022

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Report No.: 15032945.002

License Holder:

Ningbo Solar Electric Power Co., Ltd.
No. 80 Qianfeng Street
Ningbo, Zhejiang 315012
China

Product:

PV Module

Type:

TPB156X156-72-P 235W, TPB156X156-72-P 240W,
TPB156X156-72-P 245W, TPB156X156-72-P 250W,
TPB156X156-72-P 255W, TPB156X156-72-P 260W,
TPB156X156-72-P 265W, TPB156X156-72-P 270W,
TPB156X156-72-P 275W, TPB156X156-72-P 280W,
TPB156X156-72-P 285W, TPB156X156-72-P 290W,
with 72 cells of 6" poly c-Si
TPB156X156-60-P 200W, TPB156X156-60-P 205W,
TPB156X156-60-P 210W, TPB156X156-60-P 215W,
TPB156X156-60-P 220W, TPB156X156-60-P 225W,
TPB156X156-60-P 230W
with 60 cells of 6" poly c-Si
TPB156X156-54-P 180W, TPB156X156-54-P 185W,
TPB156X156-54-P 190W, TPB156X156-54-P 195W,
TPB156X156-54-P 200W, TPB156X156-54-P 205W,
with 54 cells of 6" poly c-Si

Manufacturing Plant:

Ningbo Solar Electric Power Co., Ltd.
No. 80 Qianfeng Street
Ningbo, Zhejiang 315012
China

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.



- Qualified, IEC 61215
- Safety tested, IEC 61730
- Periodic Inspection

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 fire test (IEC 61730-2 / MST 23) was not performed.
- The details of the factory inspection are documented in report no. 15031919.001.

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 until 19 November 2014.



Cologne, 9 December 2009

Dipl.-Ing. M. Adrian