

Certificate

Registration No.: PV 50290244

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Report No.: 15070731.009

License Holder:

Changzhou Trina Solar Energy Co., Ltd.
No. 2 Tian He Road
Electronics Park, New District
Changzhou, Jiangsu 213031
P. R. China

Manufacturing Plant:

Changzhou Trina Yabang Solar
Energy Co., Ltd.
No. 6, Longyu West Road
Wujin High-Tech Industrial Zone
Changzhou, Jiangsu Province
P. R. China

Product:

PV Modules

Type:

Same as Page 1 - 4

In addition:

With 6" poly c-Si cell:

TSM-xxxPEG14.07(II) (xxx=300-360, in steps of 5, 72 cells)

TSM-xxxPEG5(II) (xxx=260-300, in steps of 5, 60 cells)

TSM-xxxPEG5(II), TSM-xxxPEG5.07(II), TSM-xxxPEG5.40(II)

TSM-xxxPEG5.47(II), TSM-xxxPEG5.50(II)

(xxx=260-300, in steps of 5, 60 cells)

With 6" mono c-Si cell:

TSM-xxxDEG14(II), TSM-xxxDEG14.07(II)

(xxx=325-375, in steps of 5, 72 cells)

TSM-xxxDEG5(II), TSM-xxxDEG5.07(II), TSM-xxxDEG5.40(II)

TSM-xxxDEG5.47(II), TSM-xxxDEG5.50(II)

(xxx=260-315, in steps of 5, 60 cells)

TSM-xxxDEG40(II), TSM-xxxDEG40.07(II)

TSM-xxxDEG40.40(II), TSM-xxxDEG40.47(II)

TSM-xxxDEG40.50(II) (xxx=180-200, in steps of 5, 40 cells)

Basis:

- IEC 61730-1:2004+A1+A2
- IEC 61730-2:2004+A1
- EN 61730-1:2007+A1+A2
- EN 61730-2:2007+A1

"Photovoltaic (PV) module safety qualification"

- Factory Inspection**

To document the consistent quality of the product, factory inspections are performed periodically.



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ID 0000039159

Remarks:

- Valid in conjunction with TÜV Rheinland certificate PV 50290241 Page 1 - 5.
- The above listed PV modules fulfil the requirements of Application **Class A** (**Class II** acc. to IEC 61140). They may be used in PV plants at a maximum system voltage (Voc at STC) of up to **1500 VDC**.
- The above listed PV modules fulfil the requirements of **fire rating class A**.
- Additional manufacturing plant see above.
- New model names were introduced as above.
- This certificate includes further manufacturing plants as listed on Attachment List of Factories.

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 27 May 2018.



Certification body

Dipl.-Ing. (TU) Gerd Reimann

02 March 2016

Certificate



Registration No.: PV 50290244

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Report No.: 15070731.011

License Holder:

Changzhou Trina Solar Energy Co., Ltd.
No. 2 Tian He Road
Electronics Park, New District
Changzhou, Jiangsu 213031
P. R. China

Manufacturing Plant:

Changzhou Trina Solar Energy Co., Ltd.
No. 2 Tian He Road
Electronics Park, New District
Changzhou, Jiangsu 213031
P. R. China

Product:

PV Modules

Type:

Same as Page 1 - 5

In addition:

With 6" poly c-Si cell:

TSM-xxxPEG14.07, TSM-xxxPEG14.40, TSM-xxxPEG14.47
(xxx=280-340, in steps of 5, 72 cells)

TSM-xxxPEG14.40(II), TSM-xxxPEG14.47(II)

(xxx=300-360, in steps of 5, 72 cells)

With 6" mono c-Si cell:

TSM-xxxDEG14.40(II), TSM-xxxDEG14.47(II)

(xxx=325-375, in steps of 5, 72 cells)

Basis:

- IEC 61730-1:2004+A1+A2
IEC 61730-2:2004+A1
EN 61730-1:2007+A1+A2
EN 61730-2:2007+A1
"Photovoltaic (PV) module safety qualification"

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



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Remarks:

- Valid in conjunction with TÜV Rheinland certificate PV 50290241 Page 1 - 6.
- The above listed PV modules fulfil the requirements of Application **Class A** (Class II acc. to IEC 61140). They may be used in PV plants at a maximum system voltage (Voc at STC) of up to **1500 VDC**.
- The above listed PV modules fulfil the requirements of **fire rating class A**.
- New model names were introduced as above.
- This certificate includes further manufacturing plants as listed on Attachment List of Factories.

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 27 May 2018.

Certification body

Löffler

Dipl.-Ing. D. Löffler



02 June 2016