

Certificate

Registration No.: PV 50270736

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Report No.: 15042199.063

License Holder:

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:

Continuation of page 2

With 6" poly c-Si cells:

TSM-xxxPD05, TSM-xxxPD05.05, TSM-xxxPD05.08,
TSM-xxxPD05.10, TSM-xxxPD05.15, TSM-xxxPD05.18,
(xxx=215-260, in steps of 5, 60 cells)
TSM-xxxPD05.002, TSM-xxxPD05.008,
TSM-xxxPD05.102, TSM-xxxPD05.108
(xxx=215-260, in steps of 5, 60 cells)
TSM-xxxPD14 (xxx=260-320, in steps of 5, 72 cells)
TSM-xxxPD14.002 (xxx=260-320, in steps of 5, 72 cells)
Continued on page 4

Manufacturing Plant:

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

Basis:

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



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ID 0000024632

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

Remarks:

- Valid in conjunction with TÜV Rheinland certificate PV 50270713 Page 1 - 3.
- 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 1000 VDC.
- The fire test (IEC 61730-2 / MST 23) was performed.
- The above listed PV modules fulfil the requirements of fire rating class C.
- This certificate includes further manufacturing plants as listed on Attachment List of Factories.

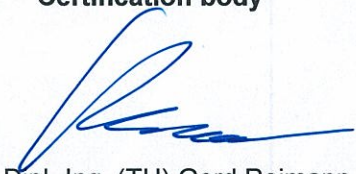
Conditions:

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 01 December 2018.



Certification body



Dipl.-Ing. (TU) Gerd Reimann

02 December 2013

Certificate

Registration No.: PV 50270736

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Report No.: 15042199.109

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 - 7 and Page 9 -14 & Page 17 - 20

In addition:

With 6" poly c-Si cells:

TSM-xxxPC14(II), TSM-xxxPC14.05(II)
TSM-xxxPC14.08(II), TSM-xxxPC14.10(II)
TSM-xxxPC14.15(II), TSM-xxxPC14.18(II)
TSM-xxxPC14.50(II)
(xxx=300-360, in steps of 5, 72 cells)
TSM-xxxPD05, TSM-xxxPD05.05
TSM-xxxPD05.08, TSM-xxxPD05.10
TSM-xxxPD05.15, TSM-xxxPD05.18
TSM-xxxPD05.50, TSM-xxxPD05.002
TSM-xxxPD05.008, TSM-xxxPD05.102
TSM-xxxPD05.108, TSM-xxxPD05.082
TSM-xxxPD05.182, TSM-xxxPD05.052
TSM-xxxPD05.152
(xxx=265-275, in steps of 5, 60 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 50270713 Page 1 - 7 & Page 9 -14 & Page 17 - 21.
- 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 **1000 VDC**.
- The above listed PV modules fulfil the requirements of **fire rating class C**.
- 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 01 December 2018.



Certification body

Dipl.-Ing. (TU) Gerd Reimann

21 September 2015