

Certificate

Registration No.: PV 50294143

Page 1

Report No.: 15070775.001

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:

With 6" mono c-Si cells:

TSM-xxxDC03, TSM-xxxDC03.05, TSM-xxxDC03.08

(xxx=160-190, in steps of 5, 48 cells)

TSM-xxxDC05, TSM-xxxDC05.05, TSM-xxxDC05.08

(xxx=210-250, in steps of 5, 60 cells)

TSM-xxxDC05A, TSM-xxxDC05A.05,

TSM-xxxDC05A.08, TSM-xxxDC05A.50

(xxx=230-280, in steps of 5, 60 cells)

TSM-xxxDC05A.002, TSM-xxxDC05A.082

(xxx=230-280, in steps of 5, 60 cells)

TSM-xxxDC14 (xxx=250-290, in steps of 5, 72 cells)

TSM-xxxDC14A (xxx=280-335, in steps of 5, 72 cells)

With 6" quasi-mono c-Si cells:

TSM-xxxPC14A (xxx=275-320, in steps of 5, 72 cells)

Continued on page 2

Basis:**IEC 61701:2011**

"Salt mist corrosion testing of
photovoltaic (PV) modules"

**Factory Inspection**

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



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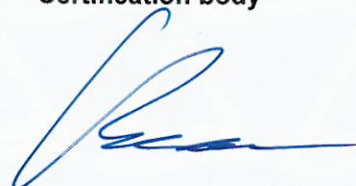
Remarks:

- Valid in conjunction with TÜV Rheinland certificate PV 50270736 Page 1 - 7 & 9 - 12 and **only** for the material combination as listed in the above mentioned test report.
- Test performed with **severity 6** of 6.
- 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

30 September 2014

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Product:

PV Modules

Type:

Continuation of page 1

With 6" poly c-Si cells:

TSM-xxxPC20 (xxx=120-160, in steps of 5, 36 cells)

TSM-xxxPC03, TSM-xxxPC03.05, TSM-xxxPC03.08

(xxx=160-190, in steps of 5, 48 cells)

TSM-xxxPC05A, TSM-xxxPC05A.10,

TSM-xxxPC05A.18, TSM-xxxPC05A.50

(xxx=200-275, in steps of 5, 60 cells)

TSM-xxxPC05A.05, TSM-xxxPC05A.15

(xxx=200-275, in steps of 5, 60 cells)

TSM-xxxPC05A.08 (xxx=215-275, in steps of 5, 60 cells)

TSM-xxxPC05A.002, TSM-xxxPC05A.082,

TSM-xxxPC05A.102, TSM-xxxPC05A.182

(xxx=215-275, in steps of 5, 60 cells)

TSM-xxxPC14, TSM-xxxPC14.50

(xxx=250-320, in steps of 5, 72 cells)

TSM-xxxPC14.002 (xxx=270-320, in steps of 5, 72 cells)

Continued on page 3

Basis:



IEC 61701:2011

"Salt mist corrosion testing of photovoltaic (PV) modules"



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Certification body

Dipl.-Ing (TU) Gerd Reimann

30 September 2014

TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg, Germany / Contact: + 49 221 806 2477 email: eneratest@de.tuv.com

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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, TSM-xxxPD05.50

(xxx=215-260, in steps of 5, 60 cells)

TSM-xxxPD05.002, TSM-xxxPD05.082,

TSM-xxxPD05.102, TSM-xxxPD05.182

(xxx=215-260, in steps of 5, 60 cells)

TSM-xxxPD14, TSM-xxxPD14.50

(xxx=260-320, in steps of 5, 72 cells)

TSM-xxxPD14.002 (xxx=260-320, in steps of 5, 72 cells)

TSM-xxxPC05 (xxx=200-275, in steps of 5, 60 cells)

TSM-xxxPC05.08 (xxx=215-275, in steps of 5, 60 cells)

TSM-xxxPC05.10 (xxx=200-275, in steps of 5, 60 cells)

TSM-xxxPC05.18 (xxx=200-275, in steps of 5, 60 cells)

With 156x104mm poly c-Si cells:

TSM-xxxPC22 (xxx=95-100, in steps of 5, 36 cells)

With 156x95mm poly c-Si cells:

TSM-xxPC26 (xx=80-90, in steps of 5, 36 cells)

With 156x52mm poly c-Si cells:

TSM-xxPC24 (xx=45-50, in steps of 5, 36 cells)

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