

# Certificate



Registration No.: PV 50321845

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Report No.: 15087153.001

**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:**

With 6" poly c-Si cells:

TSM-xxxPE14A, TSM-xxxPE14A.08  
TSM-xxxPE14A.10, TSM-xxxPE14A.18  
(xxx=290-315, in steps of 5, 72 cells)  
TSM-xxxPE05A, TSM-xxxPE05A.08  
TSM-xxxPE05A.10, TSM-xxxPE05A.18  
TSM-xxxPE05A.50  
(xxx=240-265, in steps of 5, 60 cells)

**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 61215:2005**

**EN 61215:2005**

"Crystalline silicon terrestrial  
photovoltaic (PV) modules - Design  
qualification and type approval"



**Factory Inspection**

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



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ID 0000024632

**Remarks:**

- Valid in conjunction with TÜV Rheinland certificate PV 50321847 Page 1.
- 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 2015

# Certificate



Registration No.: PV 50321845

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Report No.: 15087153.003

**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:

Same as Page 1 - 6

In addition:

With 6" poly c-Si cell

TSM-xxxPE14A, TSM-xxxPE14A.08, TSM-xxxPE14A.10

TSM-xxxPE14A.18 (xxx=320-345, in steps of 5, 72 cells)

TSM-xxxPE05A, TSM-xxxPE05A.08, TSM-xxxPE05A.10

TSM-xxxPE05A.18, TSM-xxxPE05A.50

(xxx=270-290, in steps of 5, 60 cells)

TSM-xxxPE14A(II), TSM-xxxPE14A.08(II)

TSM-xxxPE14A.10(II), TSM-xxxPE14A.18(II)

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

TSM-xxxPE05A(II), TSM-xxxPE05A.08(II)

TSM-xxxPE05A.10(II), TSM-xxxPE05A.18(II)

TSM-xxxPE05A.50(II) (xxx=260-300, in steps of 5, 60 cells)

With 6" mono c-Si cell

TSM-xxxDE14A(II), TSM-xxxDE14A.08(II)

TSM-xxxDE14A.10(II), TSM-xxxDE14A.18(II)

(xxx=280-375, in steps of 5, 72 cells)

TSM-xxxDE05A(II), TSM-xxxDE05A.08(II)

TSM-xxxDE05A.10(II), TSM-xxxDE05A.18(II)

TSM-xxxDE05A.50(II) (xxx=230-315, in steps of 5, 60 cells)

**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 61215:2005  
EN 61215:2005

"Crystalline silicon terrestrial photovoltaic (PV) modules - Design qualification and type approval"

**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 50321847 Page 1 - 7.
- 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.**

18 March 2016

Certification body

Löffler  
Dipl.-Ing. Dirk Löffler

