

# 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:

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

(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)

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**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.
- 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 has a validity of 5 years counting from the date of issue.**



**Certification body**

  
Dipl.-Ing. (TU) Gerd Reimann

02 December 2013

TÜV Rheinland LGA Products GmbH, Tillystrasse 2, 90431 Nürnberg, Germany / Contact: + 49 221 806 2477 email: [enertest@de.tuv.com](mailto:enertest@de.tuv.com)

# Attachment of Certificate

## PV 50270736 001 - 004

List of factories:

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

Inspection report no.: 15036189.004

2. Jabil Assembly Poland Sp. z o.o.  
UL. Milosna 32  
82-500 Kwidzyn  
Poland

Inspection report no.: 21192176.001



02 December 2013

Certification body



Dipl.-Ing. (TU) Gerd Reimann