

# Certificate

Registration No.: PV 50294143

Page 4

Report No.: 15070775.003

**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 - 3

In addition:

With 6" poly c-Si cells:

TSM-xxxPC05A.052, TSM-xxxPC05A.152

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

TSM-xxxPD05.052, TSM-xxxPD05.152

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

TSM-xxxPD05, TSM-xxxPD05.05

TSM-xxxPD05.08, TSM-xxxPD05.10

TSM-xxxPD05.15, TSM-xxxPD05.18

TSM-xxxPD05.50

(xxx=265-275, in steps of 5, 60 cells)

TSM-xxxPD05.002, TSM-xxxPD05.082

TSM-xxxPD05.102, TSM-xxxPD05.182

(xxx=265-275, in steps of 5, 60 cells)

TSM-xxxPC14.052 (xxx=270-320, in steps of 5, 72 cells)

TSM-xxxPD14.10, TSM-xxxPD14.15, TSM-xxxPD14.18

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

TSM-xxxPC05A(II), TSM-xxxPC05A.05(II)

TSM-xxxPC05A.08(II), TSM-xxxPC05A.15(II)

TSM-xxxPC05A.10(II), TSM-xxxPC05A.18(II)

TSM-xxxPC05A.50(II)

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

Continued on page 5

**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.



www.tuv.com  
ID 0000024632

**Remarks:**

- Valid in conjunction with TÜV Rheinland certificate PV 50270736 Page 1-7 & 9-14 & 17-21 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

29 September 2015

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Changzhou, Jiangsu 213031  
P. R. China

**Product:**

PV Modules

Type:

Continuation of page 4

With 6" poly c-Si cells:

TSM-xxxPD05(II), TSM-xxxPD05.05(II)  
TSM-xxxPD05.08(II), TSM-xxxPD05.15(II)  
TSM-xxxPD05.10(II), TSM-xxxPD05.18(II)  
TSM-xxxPD05.50(II)

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

With 6" mono c-Si cells:

TSM-xxxDC03A, TSM-xxxDC03A.05

TSM-xxxDC03A.08

(xxx=200-215, in steps of 5, 48 cells)

TSM-xxxDC03A(II), TSM-xxxDC03A.05(II)

TSM-xxxDC03A.08(II)

(xxx=220-250, in steps of 5, 48 cells)

TSM-xxxDC05A(II), TSM-xxxDC05A.05(II)

TSM-xxxDC05A.08(II)

(xxx=270-315, in steps of 5, 60 cells)

**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:**

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**Certification body**

Dipl.-Ing. (TU) Gerd Reimann

29 September 2015

# Attachment of Certificate

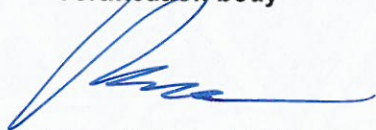
## PV 50294143 004 – 005

List of factories:

- |   |   |
|---|---|
| <p>1. Changzhou Trina Solar Energy Co., Ltd.<br/>No. 2 Tian He Road, Electronics Park<br/>New District<br/>Changzhou, Jiangsu 213031<br/>P. R. China</p> <p>Inspection report no.: 15036189.005</p>   | <p>2. Jabil Assembly Poland Sp. z o.o.<br/>UL. Milosna 32<br/>82-500 Kwidzyn<br/>Poland</p> <p>Inspection report no.: 21192176.001</p>  |
| <p>3. Yancheng Trina Solar Science &amp; Technology Co., Ltd.<br/>No. 101, Wutaishan Road<br/>Yancheng Economic<br/>Technological Development Zone<br/>Yancheng City, Jiangsu Province<br/>P. R. China</p> <p>Inspection report no.: 15067396.002</p> | <p>4. Changzhou Trina Yabang Solar Energy Co., Ltd.<br/>No. 6 Longyu West Road<br/>Wujin High-Tech Industrial Zone<br/>Changzhou, Jiangsu Province<br/>P. R. China</p> <p>Inspection report no.: 15067457.001</p> |
| <p>5. Econess Energy Co., Ltd.<br/>No. 58 Haida Road, Huashi Town<br/>Jiangyin, Jiangsu 214421<br/>P. R. China</p> <p>Inspection report no.: 15067451.001</p>   | <p>6. Jiangsu Aide Solar Energy Technology Co., Ltd. (FH)<br/>No. 8 Fenghuang Avenue Economic<br/>Development Area<br/>Xuzhou, Jiangsu 221121<br/>P. R. China</p> <p>Inspection report no.: 15070470.001</p>      |
| <p>7. Jiangsu SunLink PV Technology Co., Ltd.<br/>Nanyuan Road<br/>Zhangjiagang Economic Development Zone<br/>Zhangjiagang, Jiangsu 215600<br/>P. R. China</p> <p>Inspection report no.: 15075279.001</p>   | <p>8. Shandong Linuo Photovoltaic Hi-Tech Co., Ltd.<br/>No. 30766, East Jingshi Road<br/>Jinan, Shandong 250103<br/>P. R. China</p> <p>Inspection report no.: 15075543.001</p>                                    |
| <p>9. Vina Solar Technology Co., Ltd.<br/>Van Trung Industrial Park<br/>Bac Giang Province<br/>Vietnam</p> <p>Inspection report no.: 15075683.001</p>   | <p>10. Flextronics Shah Alam Sdn. Bhd<br/>Plot D26, Jalan DPB/4<br/>Kawasan Zon Perindustrian Bebas<br/>Gelang Patah<br/>Johor Darul Takzim 81560<br/>Malaysia</p> <p>Inspection report no.: 50032594-001</p>     |



**Certification body**



Dipl.-Ing. (TU) Gerd Reimann

29 September 2015

Changzhou Trina Solar Energy Co.,  
Ltd.

Miss.Lolly Qian

No. 2 Tian He Road  
Electronics Park, New District  
Changzhou, Jiangsu 213031  
P.R. China

Date : 29.09.2015

Our ref. : GAJ 01

Your ref.: W.D.Q.

**Ref : PV Photovoltaic Modules**

Type of Equipment : PV-Module

Model Designation : See Certificate

Certificate No. : PV 50294143 0004

Report No. : 15070775 003

Dear Miss.Lolly Qian,

Thank you very much for your interest in our services.

Please find enclosed your certification documents.

We appreciate your support and would like to offer our assistance in the approval of your future products through our extensive range of technical services.

Please feel free to contact us whatever your requirements may be.

With kind regards,

Certification Body

  
Dipl.-Ing. (TU) G. Reimann

CC: Changzhou Trina Solar Energy

Enclosure

证书的详细资料请登陆[www.tuvdotcom.com](http://www.tuvdotcom.com)查阅,或拨打我司客服热线800 999 3668 / 400 883 1300咨询