

Certificate

Registration No.: PV 50270713

Page 23

Report No.: 15042197.114

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 - 7 and Page 9 -14 & Page 17 - 22

In addition:

With 6" mono c-Si cells:

TSM-xxxDD05A, TSM-xxxDD05A.05, TSM-xxxDD05A.08

TSM-xxxDD05A.50, TSM-xxxDD05A.002

TSM-xxxDD05A.082, TSM-xxxDD05A.052

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

TSM-xxxDD05A(II), TSM-xxxDD05A.05(II)

TSM-xxxDD05A.08(II)

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

TSM-xxxDD14A, TSM-xxxDD14A.05, TSM-xxxDD14A.08

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

TSM-xxxDD14A(II), TSM-xxxDD14A.05(II)

TSM-xxxDD14A.08(II)

(xxx=325-375, in steps of 5, 72 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.



www.tuv.com
ID 000024632

Remarks:

- Valid in conjunction with TÜV Rheinland certificate PV 50270736 Page 1 - 7 & Page 9 -14 & Page 17 - 23.
- 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

28 December 2015

Certificate

Registration No.: PV 50270736

Page 23

Report No.: 15042199.117

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 - 7 and Page 9 -14 & Page 17 - 22

In addition:

With 6" mono c-Si cells:

TSM-xxxDD05A, TSM-xxxDD05A.05, TSM-xxxDD05A.08

TSM-xxxDD05A.50, TSM-xxxDD05A.002

TSM-xxxDD05A.082, TSM-xxxDD05A.052

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

TSM-xxxDD05A(II), TSM-xxxDD05A.05(II)

TSM-xxxDD05A.08(II)

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

TSM-xxxDD14A, TSM-xxxDD14A.05, TSM-xxxDD14A.08

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

TSM-xxxDD14A(II), TSM-xxxDD14A.05(II)

TSM-xxxDD14A.08(II)

(xxx=325-375, in steps of 5, 72 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 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.



www.tuv.com
ID 0000024632

Remarks:

- Valid in conjunction with TÜV Rheinland certificate PV 50270713 Page 1 - 7 & Page 9 -14 & Page 17 - 23.
- 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

28 December 2015