

Certificate

Registration No.: PV 50270736

Page 5

Report No.: 15042199.069

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 - 4

In addition:

With 6" poly c-Si cells:
TSM-xxxPD05.082, TSM-xxxPD05.182
(xxx=215-260, in steps of 5, 60 cells)

Manufacturing Plant:

Yancheng Trina Solar Science &
Technology Co., Ltd.
No.101, Wutaishan Road
Yancheng Economic Technological
Development Zone
Yancheng City, Jiangsu Province
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 - 5.
- 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.
- Additional manufacturing plant see above.
- The module types on page 3: "TSM-xxxPD05.008, TSM-xxxPD05.108 (xxx=215-260, in steps of 5, 60 cells)" have been cancelled.
- This certificate includes further manufacturing plants as listed on Attachment List of Factories.

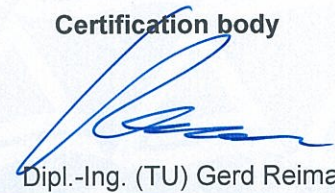
Conditions:

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

21 February 2014

Certificate

Registration No.: PV 50270736

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Report No.: 15042199.109

License Holder:

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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 - 7 and Page 9 -14 & Page 17 - 20

In addition:

With 6" poly c-Si 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)
TSM-xxxPD05, TSM-xxxPD05.05
TSM-xxxPD05.08, TSM-xxxPD05.10
TSM-xxxPD05.15, TSM-xxxPD05.18
TSM-xxxPD05.50, TSM-xxxPD05.002
TSM-xxxPD05.008, TSM-xxxPD05.102
TSM-xxxPD05.108, TSM-xxxPD05.082
TSM-xxxPD05.182, TSM-xxxPD05.052
TSM-xxxPD05.152
(xxx=265-275, in steps of 5, 60 cells)

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**
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Remarks:

- Valid in conjunction with TÜV Rheinland certificate PV 50270713 Page 1 - 7 & Page 9 -14 & Page 17 - 21.
- 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

21 September 2015

Certificate



Registration No.: PV 50270736

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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 - 7 and Page 9 -13 and Page 18 - 30

In addition:

With 6" mono c-Si cells:

TSM-xxxDD05A.001(II), TSM-xxxDD05A.051(II), TSM-xxxDD05A.081(II)
(xxx=260-300, in steps of 5, 60 cells)

TSM-xxxDD05A.002(II), TSM-xxxDD05A.052(II), TSM-xxxDD05A.082(II)
(xxx=260-300, in steps of 5, 60 cells)

TSM-xxxDD05A.00S(II), TSM-xxxDD05A.05S(II), TSM-xxxDD05A.08S(II)
(xxx=260-300, in steps of 5, 60 cells)

TSM-xxxDD05A.00M(II), TSM-xxxDD05A.05M(II), TSM-xxxDD05A.08M(II)
(xxx=260-300, in steps of 5, 60 cells)

TSM-xxxDD05A.00U(II), TSM-xxxDD05A.05U(II), TSM-xxxDD05A.08U(II)
(xxx=260-300, in steps of 5, 60 cells)

TSM-xxxDD14A.001(II), TSM-xxxDD14A.051(II), TSM-xxxDD14A.081(II)
(xxx=320-375, in steps of 5, 72 cells)

TSM-xxxDD14A.002(II), TSM-xxxDD14A.052(II), TSM-xxxDD14A.082(II)
(xxx=320-375, in steps of 5, 72 cells)

TSM-xxxDD14A.00S(II), TSM-xxxDD14A.05S(II), TSM-xxxDD14A.08S(II)
(xxx=320-375, in steps of 5, 72 cells)

TSM-xxxDD14A.00M(II), TSM-xxxDD14A.05M(II), TSM-xxxDD14A.08M(II)
(xxx=320-375, in steps of 5, 72 cells)

TSM-xxxDD14A.00U(II), TSM-xxxDD14A.05U(II), TSM-xxxDD14A.08U(II)
(xxx=320-375, in steps of 5, 72 cells)

Continued on page 32

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**
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Remarks:

- Valid in conjunction with TÜV Rheinland certificate PV 50270713 Page 1 - 7 & Page 9 - 13 & Page 18 - 31.
- 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.

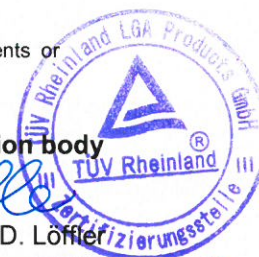
The certificate is valid until 01 December 2018.

29 April 2016

Certification body

Löffler

Dipl.-Ing. D. Löffler



Certificate

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Manufacturing Plant:

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Changzhou, Jiangsu 213031
P. R. China

Product:

PV Modules

Type:

Continuation of page 31
With 6" poly c-Si cells:
TSM-xxxPD05.001, TSM-xxxPD05.051, TSM-xxxPD05.081
(xxx=215-275, in steps of 5, 60 cells)
TSM-xxxPD05.00S, TSM-xxxPD05.05S, TSM-xxxPD05.08S
(xxx=215-275, in steps of 5, 60 cells)
TSM-xxxPD05.00M, TSM-xxxPD05.05M, TSM-xxxPD05.08M
(xxx=215-275, in steps of 5, 60 cells)
TSM-xxxPD05.00U, TSM-xxxPD05.05U, TSM-xxxPD05.08U
(xxx=215-275, in steps of 5, 60 cells)
TSM-xxxPD05.10C, TSM-xxxPD05.15C, TSM-xxxPD05.18C
(xxx=240-275, in steps of 5, 60 cells)
TSM-xxxPD05.10D, TSM-xxxPD05.15D, TSM-xxxPD05.18D
(xxx=240-275, in steps of 5, 60 cells)
TSM-xxxPD14.001, TSM-xxxPD14.051, TSM-xxxPD14.081
(xxx=260-325, in steps of 5, 72 cells)
TSM-xxxPD14.052, TSM-xxxPD14.082
(xxx=260-325, in steps of 5, 72 cells)
TSM-xxxPD14.00S, TSM-xxxPD14.05S, TSM-xxxPD14.08S
(xxx=260-325, in steps of 5, 72 cells)
TSM-xxxPD14.00M, TSM-xxxPD14.05M, TSM-xxxPD14.08M
(xxx=260-325, in steps of 5, 72 cells)
TSM-xxxPD14.00U, TSM-xxxPD14.05U, TSM-xxxPD14.08U
(xxx=260-325, in steps of 5, 72 cells)
TSM-xxxPD14.10C, TSM-xxxPD14.15C, TSM-xxxPD14.18C
(xxx=290-320, in steps of 5, 72 cells)
TSM-325PD14.002

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**
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Remarks:

- Valid in conjunction with TÜV Rheinland certificate PV 50270713 Page 1 - 7 & Page 9 - 13 & Page 18 - 32.
- 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.

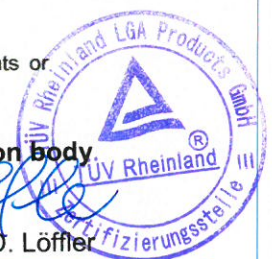
Conditions:

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Certification body


Dipl.-Ing. D. Löffler



29 April 2016