

Certificate

Registration No.: PV 50250803

Page 1

Report No.: 15042068.033

License Holder:

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

Product:

PV Modules

Type:

With 5" mono c-Si cell:
TSM-xxxDC01, TSM-xxxDC01.08
(xxx=155-195, in steps of 5, 72 cells)
TSM-xxxDC01.10, TSM-xxxDC01.18
(xxx=160-195, in steps of 5, 72 cells)
TSM-xxxDC80, TSM-xxxDC80.08,
TSM-xxxDC80.10, TSM-xxxDC80.18
(xxx=180-220, in steps of 5, 72 cells)
TSM-xxxDC01A, TSM-xxxDC01A.08,
TSM-xxxDC01A.10, TSM-xxxDC01A.18
(xxx=170-205, 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
China

Subname "bcde-mnxy-7hk"

b= 0-5; c= 1-4; d= 0-9; e= 1-3;

m= 0-9 or a-z; n= a-z;

x= 0-9, y= a-z; h= 0-3; k= 0 or 1

Basis:

- IEC 61730-1:2004
 - IEC 61730-2:2004
 - EN 61730-1:2007
 - EN 61730-2:2007
- "Photovoltaic (PV) module safety qualification"

Factory Inspection

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



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ID 000024166

Remarks:

- Valid in conjunction with TÜV Rheinland certificate PV 50198448 Page 1 - 9.
- 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.

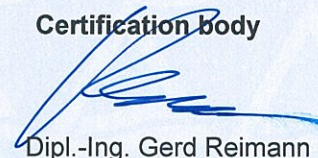
Conditions:

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 09 February 2014.



Certification body



Dipl.-Ing. Gerd Reimann

10 April 2013

Certificate

Registration No.: PV 50250815

Page 1

Report No.: 15042199.049

License Holder:

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

Product:

PV Modules

Type:

With 6" mono c-Si cell:
TSM-xxxDC03, TSM-xxxDC03.08
(xxx=160-190, in steps of 5, 48 cells)
TSM-xxxDC05, TSM-xxxDC05.08
(xxx=210-250, in steps of 5, 60 cells)
TSM-xxxDC05A, TSM-xxxDC05A.08
(xxx=230-280, in steps of 5, 60 cells)
TSM-xxxDC14 (xxx=250-290, in steps of 5, 72 cells)
With 6" quasi c-Si cell:
TSM-xxxPC05A, TSM-xxxPC05A.08,
TSM-xxxPC05A.10, TSM-xxxPC05A.18
(xxx=230-275, in steps of 5, 60 cells)
TSM-xxxPC14A (xxx=275-320, in steps of 5, 72 cells)

Manufacturing Plant:

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Changzhou, Jiangsu 213031
China

Subname "bcde-mnxy-7hk"

b= 0-5; c= 1-4; d= 0-9; e= 1-3;

m= 0-9 or a-z; n= a-z;

x= 0-9, y= a-z; h= 0-3; k= 0 or 1

Continued on page 2

Basis:

- IEC 61730-1:2004
IEC 61730-2:2004
EN 61730-1:2007
EN 61730-2:2007
"Photovoltaic (PV) module safety
qualification"

- 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 50199747 Page 1 - 14.
- 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.

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 19 June 2014.



Certification body

Dipl.-Ing. Gerd Reimann

10 April 2013

TÜV Rheinland LGA Products GmbH, Tillystrasse 2, 90431 Nürnberg, Germany / Contact: + 49 221 806 2477 email: eneratest@de.tuv.com

Certificate

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Page 2

Report No.: 15042199.049

License Holder:

Changzhou Trina Solar Energy Co., Ltd.
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Changzhou, Jiangsu 213031
China

Product:

PV Modules

Type:

Continuation of page 1
With 6" poly c-Si cell:
TSM-xxxPC20 (xxx=120-150, in steps of 5, 36 cells)
TSM-xxxPC03, TSM-xxxPC03.08
(xxx=160-190, in steps of 5, 48 cells)
TSM-xxxPC05, TSM-xxxPC05.10, TSM-xxxPC05.18
(xxx=200-260, in steps of 5, 60 cells)
TSM-xxxPC05.08 (xxx=215-260, in steps of 5, 60 cells)
TSM-xxxPD05, TSM-xxxPD05.08,
TSM-xxxPD05.10, TSM-xxxPD05.18
(xxx=215-260, in steps of 5, 60 cells)
TSM-xxxPC14 (xxx=250-320, in steps of 5, 72 cells)
TSM-xxxPD14 (xxx=260-320, in steps of 5, 72 cells)
Subname "bcde-mnxy-7hk"
b= 0-5; c= 1-4; d= 0-9; e= 1-3;
m= 0-9 or a-z; n= a-z;
x= 0-9, y= a-z; h= 0-3; k= 0 or 1

Manufacturing Plant:

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Changzhou, Jiangsu 213031
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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Remarks:

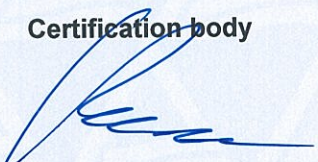
- Valid in conjunction with TÜV Rheinland certificate PV 50199747 Page 1 - 14.
- The above listed PV modules fulfil the requirements of Application **Class A** (**Class II** acc. to IEC 61140). They may be used in PV plants at a maximum system voltage (Voc at STC) of up to **1000 VDC**.
- The fire test (IEC 61730-2 / MST 23) was performed.
- The above listed PV modules fulfil the requirements of fire rating class C.

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 19 June 2014.



Certification body



Dipl.-Ing. Gerd Reimann

10 April 2013