

Certificate

Registration No.: PV 50199747

Page 1

Report No.: 15042197.001

License Holder:

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

Product:

PV Module
Type:
TSM-xxxDC05 (xxx=210 to 250)
TSM-xxxDC03 (xxx=160 to 190)
TSM-xxxPC05 (xxx=200 to 240)
TSM-xxxPC03 (xxx=160 to 190)

Manufacturing Plant:

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



- Qualified, IEC 61215
- Periodic Inspection

Remarks:

The details of the factory inspection are documented in report no. 153112628.

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. Bernd Scheirer



Shanghai, 21 March 2011

TÜV Rheinland LGA Products GmbH, Tillystrasse 2, D-90431 Nürnberg
Contact: + (49) 221 606-1371 email: cert-validity@de.tuv.com

Certificate

Registration No.: PV 50199747

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Report No.: 15042197.013

License Holder:

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

Product:

PV Module
Type:
TSM-xxxPC05
(xxx=245 to 260 in increments of 5)

Manufacturing Plant:

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



- Qualified, IEC 61215
- Periodic Inspection

Remarks:

The details of the factory inspection are documented in report no. 15036189.001

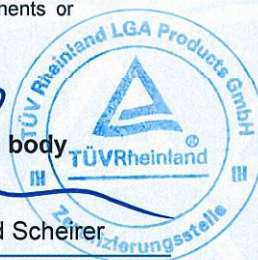
Conditions:

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. Bernd Scheirer



Shanghai, 10 May 2011

TÜV Rheinland LGA Products GmbH, Tillystrasse 2, D-90431 Nürnberg
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Certificate

Registration No.: PV 50199748

Page 1

Report No.: 15042199.001

License Holder:

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

Product:

PV Module

Type:

TSM-xxxDC05 (xxx=210 to 250)

TSM-xxxDC03 (xxx=160 to 190)

TSM-xxxPC05 (xxx=200 to 240)

TSM-xxxPC03 (xxx=160 to 190)

Manufacturing Plant:

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

- ☒ **Factory Inspection**
To document the consistent quality of the product factory inspections are performed periodically.



- Qualified, IEC 61215
- Safety tested, IEC 61730
- Periodic Inspection

Remarks:

- IEC EN 61730 consists of part 1 (Requirements for construction) and part 2 (Requirements for testing).
- The above listed PV modules fulfil the requirements of Application Class A (Safety Class II). 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 not performed.

- The details of the factory inspection are documented in report no. 153112628.

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. Bernd Scheirer

Shanghai, 21 March 2011

TÜV Rheinland LGA Products GmbH, Tillystrasse 2, D-90431 Nürnberg
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Certificate

Registration No.: PV 50199748

Page 4

Report No.: 15042199.013

License Holder:

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

Product:

PV Module
Type:
TSM-xxxPC05
(xxx=245 to 260 in increments of 5)

Manufacturing Plant:

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

- ☒ **Factory Inspection**
To document the consistent quality of
the product factory inspections are
performed periodically.



- Qualified, IEC 61215
- Safety tested,
IEC 61730
- Periodic Inspection

Remarks:

- IEC EN 61730 consists of part 1 (Requirements for construction) and part 2 (Requirements for testing).
- The above listed PV modules fulfil the requirements of Application Class A (Safety Class II). 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 not performed.

- The details of the factory inspection are documented in report no. 15036189.001.

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.

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