

# Certificate

Registration No.: PV 50198448

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Report No.: 15042067.004

**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-xxxDC80  
(xxx=180-210 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.

**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 9 February 2014.**

Shanghai, 18 March 2011

Certification body

Dipl.-Ing. Bernd Scheierer



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 50198448

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Report No.: 15042067.010

**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-xxxDC80.05, TSM-xxxDC80.08  
(xxx=180-210 in increment 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 09 February 2014.**

Shanghai, 14 April 2011

Certification body

Dipl.-Ing. Bernd Scheier



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

Registration No.: PV 50198452

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Report No.: 15042068.004

**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-xxxDC80  
(xxx=180-210 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.

**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.**

Shanghai, 18 March 2011

Certification body

Dipl.-Ing. Bernd Scheirer



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 50198452

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Report No.: 15042068.010

**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-xxxDC80.05,TSM-xxxDC80.08  
(xxx=180-210 in increment 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.

**The certificate is valid until 09 February 2014**

Shanghai, 14 April 2011

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Dipl.-Ing. Bernd Scheierer



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