

Certificate

Registration No.: PV 50290241

Page 1

Report No.: 15070730.001

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:
With 6" poly c-Si cells:
TSM-xxxPEG5 (xxx=230-290, in steps of 5, 60 cells)
TSM-xxxPEG5.50 (xxx=230-290, in steps of 5, 60 cells)
TSM-xxxPEG14 (xxx=280-340, 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 0000039159

Remarks:

- Valid in conjunction with TÜV Rheinland certificate PV 50290244 Page 1.
- 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 27 May 2018.



Certification body



11 August 2014

Dipl.-Ing. (TU) Gerd Reimann

Certificate



Registration No.: PV 50290241

Page 2

Report No.: 15070730.003

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
In addition:
With 6" poly c-Si cells:
TSM-xxxPEG40 (xxx=160-175, in steps of 5, 40 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.



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ID 0000039159

Remarks:

- Valid in conjunction with TÜV Rheinland certificate PV 50290244 Page 1 - 2.
- 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 27 May 2018.



Certification body

Dipl.-Ing. (TU) Gerd Reimann

11 March 2015

Certificate

Registration No.: PV 50290241

Page 3

Report No.: 15070730.004

License Holder:

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

In addition:

With 6" poly c-Si cells:

TSM-xxxPEG5.40 (xxx=230-290, in steps of 5, 60 cells)

TSM-xxxPEG5.07 (xxx=230-290, in steps of 5, 60 cells)

TSM-xxxPEG5.47 (xxx=230-290, in steps of 5, 60 cells)

TSM-xxxPEG40.40 (xxx=160-175, in steps of 5, 40 cells)

TSM-xxxPEG40.07 (xxx=160-175, in steps of 5, 40 cells)

TSM-xxxPEG40.47 (xxx=160-175, in steps of 5, 40 cells)

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.



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ID 0000039159

Remarks:

- Valid in conjunction with TÜV Rheinland certificate PV 50290244 Page 1 - 3.
- New model names were introduced as above.
- This certificate includes further manufacturing plants as listed on Attachment List of Factories.

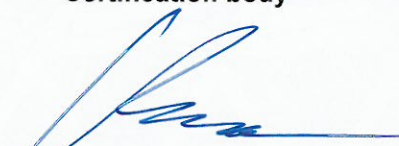
Conditions:

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 27 May 2018.



Certification body



Dipl.-Ing. (TU) Gerd Reimann

19 June 2015

Certificate

Registration No.: PV 50290241

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Report No.: 15070730.006

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 - 3

In addition:

With 6" poly c-Si cells:

TSM-xxxPEG14(II) (xxx=300-360, 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

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performed periodically.



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ID 0000039159

Remarks:

- Valid in conjunction with TÜV Rheinland certificate PV 50290244 Page 1 - 4.
- 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 27 May 2018.



Certification body



Dipl.-Ing. (TU) Gerd Reimann

21 September 2015

Certificate

Registration No.: PV 50290241

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Report No.: 15070730.009

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 cell:

TSM-xxxPEG14.07(II) (xxx=300-360, in steps of 5, 72 cells)

TSM-xxxPEG5(II) (xxx=260-300, in steps of 5, 60 cells)

TSM-xxxPEG5(II), TSM-xxxPEG5.07(II), TSM-xxxPEG5.40(II)

TSM-xxxPEG5.47(II), TSM-xxxPEG5.50(II)

(xxx=260-300, in steps of 5, 60 cells)

With 6" mono c-Si cell:

TSM-xxxDEG14(II), TSM-xxxDEG14.07(II)

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

TSM-xxxDEG5(II), TSM-xxxDEG5.07(II), TSM-xxxDEG5.40(II)

TSM-xxxDEG5.47(II), TSM-xxxDEG5.50(II)

(xxx=260-315, in steps of 5, 60 cells)

TSM-xxxDEG40(II), TSM-xxxDEG40.07(II)

TSM-xxxDEG40.40(II), TSM-xxxDEG40.47(II)

TSM-xxxDEG40.50(II) (xxx=180-200, in steps of 5, 40 cells)

Manufacturing Plant:

Changzhou Trina Yabang Solar
Energy Co., Ltd.
No. 6, Longyu West Road
Wujin High-Tech Industrial Zone
Changzhou, Jiangsu Province
P. R. China

Basis:



IEC 61215:2005

EN 61215:2005

"Crystalline silicon terrestrial
photovoltaic (PV) modules - Design
qualification and type approval"



Factory Inspection

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ID 0000039159

Remarks:

- Valid in conjunction with TÜV Rheinland certificate PV 50290244 Page 1 - 5.
- Additional manufacturing plant see above.
- 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 27 May 2018.



Certification body

Dipl.-Ing. (TU) Gerd Reimann

02 March 2016

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

Certificate



Registration No.: PV 50290241

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Report No.: 15070730.011

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 - 5

In addition:

With 6" poly c-Si cell:

TSM-xxxPEG14.07, TSM-xxxPEG14.40, TSM-xxxPEG14.47
(xxx=280-340, in steps of 5, 72 cells)

TSM-xxxPEG14.40(II), TSM-xxxPEG14.47(II)

(xxx=300-360, in steps of 5, 72 cells)

With 6" mono c-Si cell:

TSM-xxxDEG14.40(II), TSM-xxxDEG14.47(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"



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Remarks:

- Valid in conjunction with TÜV Rheinland certificate PV 50290244 Page 1 - 6.

- New model names were introduced as above.

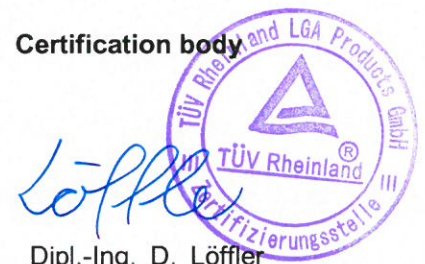
- This certificate includes further manufacturing plants as listed on Attachment List of Factories.

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The certificate is valid until 27 May 2018.

Certification body



02 June 2016

Dipl.-Ing. D. Löffler

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