

Certificate

Registration No.: PV 50270736
Page 18
Report No.: 15042199.098
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 - 7 & Page 9 -14 & Page 17

In addition:

With 6" poly c-Si cells:

TSM-xxxPC05A.052; (xxx=215-275, in steps of 5, 60 cells)
TSM-xxxPC05A.152; (xxx=215-275, in steps of 5, 60 cells)
TSM-xxxPC05A(II); (xxx=260-300, in steps of 5, 60 cells)
TSM-xxxPC05A.05(II); (xxx=260-300, in steps of 5, 60 cells)
TSM-xxxPC05A.15(II); (xxx=260-300, in steps of 5, 60 cells)
TSM-xxxPC05A.10(II); (xxx=260-300, in steps of 5, 60 cells)
TSM-xxxPC05A.18(II); (xxx=260-300, in steps of 5, 60 cells)
TSM-xxxPC05A.08(II); (xxx=260-300, in steps of 5, 60 cells)
TSM-xxxPC05A.50(II); (xxx=260-300, in steps of 5, 60 cells)
TSM-xxxPC14.052; (xxx=270-320, in steps of 5, 72 cells)
TSM-xxxPC05B; (xxx=200-275, in steps of 5, 60 cells)
TSM-xxxPD05.052; (xxx=215-275, in steps of 5, 60 cells)
TSM-xxxPD05.152; (xxx=215-275, in steps of 5, 60 cells)
TSM-xxxPD14.10; (xxx=260-320, in steps of 5, 72 cells)
TSM-xxxPD14.15; (xxx=260-320, in steps of 5, 72 cells)
TSM-xxxPD14.18; (xxx=260-320, in steps of 5, 72 cells)

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Manufacturing Plant:

Changzhou Trina Solar Energy Co., Ltd.
No. 2 Tian He Road
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Changzhou, Jiangsu 213031
P. R. China

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


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



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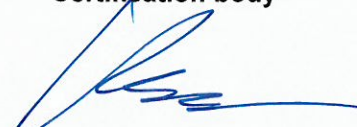
Remarks:

- Valid in conjunction with TÜV Rheinland certificate PV 50270713 Page 1 - 7 & Page 9 -14 & Page 17 - 18.
- 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

24 April 2015

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

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Product:
PV Modules
Type:

Continuation of page 18

With 6" poly c-Si cells:

TSM-xxxPD05(II); (xxx=260-300, in steps of 5, 60 cells)
TSM-xxxPD05.05(II); (xxx=260-300, in steps of 5, 60 cells)
TSM-xxxPD05.15(II); (xxx=260-300, in steps of 5, 60 cells)
TSM-xxxPD05.10(II); (xxx=260-300, in steps of 5, 60 cells)
TSM-xxxPD05.18(II); (xxx=260-300, in steps of 5, 60 cells)
TSM-xxxPD05.08(II); (xxx=260-300, in steps of 5, 60 cells)
TSM-xxxPD05.50(II); (xxx=260-300, in steps of 5, 60 cells)

With 6" mono c-Si cells:

TSM-xxxDC05A.052; (xxx=230-280, in steps of 5, 60 cells)
TSM-xxxDC03A; (xxx=200-215, in steps of 5, 48 cells)
TSM-xxxDC03A.05; (xxx=200-215, in steps of 5, 48 cells)
TSM-xxxDC03A.08; (xxx=200-215, in steps of 5, 48 cells)
TSM-xxxDC03A(II); (xxx=220-250, in steps of 5, 48 cells)
TSM-xxxDC03A.05(II); (xxx=220-250, in steps of 5, 48 cells)
TSM-xxxDC03A.08(II); (xxx=220-250, in steps of 5, 48 cells)
TSM-xxxDC05A(II); (xxx=270-315, in steps of 5, 60 cells)
TSM-xxxDC05A.05(II); (xxx=270-315, in steps of 5, 60 cells)
TSM-xxxDC05A.08(II); (xxx=270-315, 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:

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- 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**.
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