Certificate

TÜVRheinland®

Registration No.: PV 50321847 **Report No.: 15087154.003**

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 - 6
In addition:
With 6" poly c-Si cell
TSM-xxxPE14A, TSM-xxxPE14A.08, TSM-xxxPE14A.10
TSM-xxxPE14A.18 (xxx=320-345, in steps of 5, 72 cells)
TSM-xxxPE05A, TSM-xxxPE05A.08, TSM-xxxPE05A.10
TSM-xxxPE05A.18, TSM-xxxPE05A.50
(xxx=270-290, in steps of 5, 60 cells)
TSM-xxxPE14A(II), TSM-xxxPE14A.08(II),
TSM-xxxPE14A.10(II), TSM-xxxPE14A.18(II)
(xxx=300-360, in steps of 5, 72 cells)
TSM-xxxPE05A(II), TSM-xxxPE05A.08(II)
TSM-xxxPE05A.10(II), TSM-xxxPE05A.18(II)
TSM-xxxPE05A.50(II) (xxx=260-300, in steps of 5, 60 cells)
With 6" mono c-Si cell
TSM-xxxDE14A(II), TSM-xxxDE14A.08(II)
TSM-xxxDE14A.10(II), TSM-xxxDE14A.18(II)
(xxx=280-375, in steps of 5, 72 cells)
TSM-xxxDE05A(II), TSM-xxxDE05A.08(II)
TSM-xxxDE05A.10(II), TSM-xxxDE05A.18(II)
TSM-xxxDE05A.50(II) (xxx=230-315, 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**
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 50321845 Page 1 - 7.
- 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 **1500 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

18 March 2016

Dipl.-Ing. Dirk Löffler

TÜV Rheinland LGA Products GmbH Zertifizierungsstelle TÜV Rheinland®

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