

Certificate

Registration No.: PV 60026925

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Report No.: 15033519.004

License Holder:
Changzhou City Tianshun Energy Technology Co., Ltd.
 No. 15 Wenhua Road, Zhulin Town
 Jintan, Jiangsu 213241
 China

Product:
 Type:
 TSMxxxDB-24V (xxx=255-310 in increments of 5)
 72 cells of 6" mono c-Si
 TSMxxxDB-24V (xxx=210-260 in increments of 5)
 60 cells of 6" mono c-Si
 TSMxxxDB-24V (xxx=160-200 in increments of 5)
 72 cells of 5" mono c-Si
 TSMxxxDB-12V (xxx=75-100 in increments of 5)
 36 cells of 5" mono c-Si
 TSMxxxD-24V (xxx=255-310 in increments of 5)
 72 cells of 6" mono c-Si
 TSMxxxD-24V (xxx=210-260 in increments of 5)
 60 cells of 6" mono c-Si
 TSMxxxD-24V (xxx=160-200 in increments of 5)
 72 cells of 5" mono c-Si
 TSMxxxD-12V (xxx=75-100 in increments of 5)
 36 cells of 5" mono c-Si
 TSMxxxP-24V (xxx=245-280 in increments of 5)
 72 cells of 6" poly c-Si
 TSMxxxP-24V (xxx=210-240 in increments of 5)
 60 cells of 6" poly c-Si
 TSMxxxP-24V (xxx=190-205 in increments of 5)
 54 cells of 6" poly c-Si
 TSMxxxP-24V (xxx=165-185 in increments of 5)
 48 cells of 6" poly c-Si

Manufacturing Plant:
 Changzhou City Tianshun Energy Technology Co., Ltd.
 No. 15 Wenhua Road, Zhulin Town
 Jintan, Jiangsu 213241
 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. 15032639.002.
- Change in cell technology, modification to back sheet and junction box, extension to higher power ratings and add a new adhesive.

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 21 September 2014.



Dipl.-Ing. M. Adrian

Cologne, 28 July 2011