

Certificate

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Report No.: 21207566

License Holder:

Changzhou Trina Solar Energy Co. Ltd.

No.2 Xinyuan Yi Rd, Electronic Park,
New District, Changzhou,
Jiangsu
China

Product:

PV Modules

Type: **TSM-140D, TSM-145D,
TSM-150D, TSM-155D,
TSM-160D, TSM-165D,
TSM-170D, TSM-175D,
TSM-180D TSM-185D.**

Manufacturing Plant

Changzhou Trina Solar Energy Co. Ltd.
No.2 Xinyuan Yi Rd, Electronic Park,
New District, Changzhou,
Jiangsu
China

Basis:

TÜV Spec TZE/2.572.09
"Safety Class II Test on
Photovoltaic (PV) Modules"

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

Remarks:

The above mentioned PV module may be used in PV plants at a total voltage (maximum system voltage) of up to **1000 VDC**. The modules consist of glass / EVA / cells / PVF-PET-PVF Icosolar 2442 0.35 mm foil, junction box PV-RH0501, cable ZJRH 4mm², connector ZJRH 05-1 and aluminium frame. The module types which are listed above differ in: electrical rating and contain 72 mono silicon solar cells 125 mm x 125 mm.

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 only valid in conjunction with proof of the mechanical suitability of the modules in accordance with IEC 61215 (or similar procedure).

The certificate has a validity of 3 years counting from the date of issue, provided that the testing basis remains unchanged. The series production is not subject to a control and is not part of the assessment.

Renewable Energies



Dipl.-Ing. M. Adrian

Cologne, 24 July 2007