

# Certificate

Report No.: 21204766-1

**Manufacturer:**

**Wuxi Suntech Power Co., Ltd.**

17-6 Chanjiang South Road  
Wuxi New District  
Jiangsu Province  
China 214028

**Product:**

**PV Modules**

Type: **STP 150S-24/Ac; STP 155S-24/Ac**  
**STP 160S-24/Ac; STP165S-24/Ac**  
**STP 170S-24/Ac; STP175S-24/Ac**  
**STP 180S-24/Ac**  
**STP 150-24/Ac; STP 155-24/Ac**  
**STP 160-24/Ac; STP 165-24/Ac**  
**STP 170-24/Ac; STP 175-24/Ac**  
**STP 180-24/Ac**

**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.



- Safety tested,  
TUV-Spec 931/2.572.9
- Periodic Inspection

**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 / PET-PVF-PET Icosolar 2442 (0,35mm) foil, junction box STP-Box07, cable Laptherm Solar 4mm<sup>2</sup>, Suntech STP-P01 & STP-R01 connector and aluminium frame. The module types which are listed above differ in: electrical rating, cell size and cell types (72 multi or 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**

Cologne, 28 September 2005

Dipl.-Ing. W. Vaaßen