

# Certificate

Registration No.: PV 60025985

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Report No.: 15032285.001

**License Holder:**  
**ZNSHINE PV-Tech Co., Ltd.**  
#1 Zhixi Industry Zone  
Jintan, Jiangsu  
China

**Product:**  
PV Module  
**Type:**  
ZX155(34)M; ZX160(34.5)M; ZX165(35)M;  
ZX170(35.5)M; ZX175(36)M; ZX180(36)M;  
ZX185(36)M; ZX175(38.5)M; ZX180(39)M;  
ZX185(39.5)M  
5" mono with 72 cells, 1580mm\*808mm\*45mm

**Manufacturing Plant:**  
**ZNSHINE PV-Tech Co., Ltd.**  
#1 Zhixi Industry Zone  
Jintan, Jiangsu  
China

ZX200(40)M; ZX205(40)M; ZX200(46)M;  
ZX205(46.5)M; ZX210(47)M; ZX215(47.5)M;  
ZX220(48)M; ZX225(48)M; ZX230(48)M;  
ZX235(48)M; ZX240(48)M;  
5" mono with 96 cells, 1575mm\*1082mm\*45mm

**Basis:**

**IEC 61730-1:2004**  
**IEC 61730-2:2004**  
**EN 61730-1:2007**  
**EN 61730-2:2007**  
"Photovoltaic (PV) module safety qualification"

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



- Qualified, IEC 61215
- Safety tested, IEC 61730
- Periodic Inspection

**Remarks:**

- IEC EN 61730 consists of part 1 ( Requirements for construction) and part 2 (Requirements for testing).
- The above listed PV modules fulfil the requirements of Application Class A (Safety Class II ). They may be used in PV plants at a maximum system voltage (Voc at STC) of up to **1000 VDC**.
- The fire test (IEC 61730-2 / MST 23) was not performed.
- The details of the factory inspection are documented in report no. 153031389.001.

**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 1 July 2014.**



Cologne, 13 July 2009

Dipl.-Ing. M. Adrian