

Certificate

Registration No.: PV 60027279

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Report No.: 21209371-6

License Holder:

Beijing Zhongkexin Electronics Equipment Co., Ltd.
No. 6 Xingguang 2nd Street
OIP, Zhongguancun Science Park
Beijing 101111
China

Product:

PV Module
Type:
with 5" mono cells:
ZKX-xxxD-36 (xxx=235-285 in steps of 5, 96 cells)
ZKX-xxxD-24 (xxx=200-215 in steps of 5, 72 cells)

Manufacturing Plant:

Forty-eighth Institute of CHINA Electronics
Technology Group Corporation
No.1025, Xinkaipu Road,
Tianxin District, Changsha,
Hunan 410111
China

with 6" poly cells:

ZKX-xxxP-24 (xxx=260-305 in steps of 5, 72 cells)
ZKX-xxxP-24 (xxx=210-255 in steps of 5, 60 cells)

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. 15032186.003.
- Additional new module types and higher output power.

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 23 July 2014.

Cologne, 4 November 2011



Dipl.-Ing. M. Adrian