



ETS  
PRODUCT SERVICE AG

ACCREDITED TEST HOUSE RECOGNIZED CERTIFICATION BODY

# CERTIFICATE OF CONFORMITY

EU EMC -DIRECTIVE 2004/108/EC -

This certifies that the following designated product

SOLAR MODULE

MODEL NO.: DT30(18)

.....  
(Product identification)

complies with the essential protection requirements of Council Directive 2004/108/EC on the approximation of the laws of the Member States relating to electromagnetic compatibility.

This certificate is awarded following tests carried out on samples of the product referred to above. Assessment of compliance of the product with the requirements relating to electromagnetic compatibility was based on the following standards. Only the EMC part(s) referring to the below listed standard(s) has been considered:

EN 55014-1 : 2000 + A1 : 2001 + A2 : 2002

EN 55014-2 : 1997 + A1 : 2001

.....  
(Identification of regulations / standards)

This certificate is issued for

JIANGSU DENGTAI NEW ENERGY Co.,LTD.  
CHAOYANG DEVELOPMENT ZONE,  
LIANYUNGANG, CHINA

.....  
(Name / Address)

THE CERTIFICATION IS VALID ONLY IN ACCORDANCE WITH THE TEST REPORT NR. T3M20707-1210-E-16  
THE CONFIRMATION IS VALID ONLY IF THE PRODUCT IS MANUFACTURED IN ACCORDANCE WITH THE TESTREPORT

GS LVD E/e-MARK FCC GSM UMTS CE-MARK SAR CB EMC DECT WLAN Bluetooth R&TTE Notified Body



This is the result of tests carried out on those samples of the product referred to above which were submitted for testing, in accordance with the specification for the respective standards. The certificate holder has the right to fix the ETS-MARK which shows the EMC segment onto each individual product in the series to which the inspection sample belongs, provided that the product is manufactured in accordance with the test report.

T3M20707-1210



July 24, 2007

.....  
(Date)

*Dr. Genz*

.....  
Dr. Genz

# Certificate

Registration No.: PV 60027057

Page 1

Report No.: 21208857-2

**License Holder:**

**Jiangsu Dengtai New Energy Co., Ltd.**  
No. 117 Chaoyang Road, Chaoyang Town  
Lianyungang Development Zone  
222068 Jiangsu  
China

**Product:**

PV Module  
Type: DT150-24, DT155-24, DT160-24,  
DT165-24, DT170-24, DT175-24,  
DT180-24

**Manufacturing Plant:**

Jiangsu Dengtai New Energy Co., Ltd.  
No. 117 Chaoyang Road, Chaoyang Town  
Lianyungang Development Zone  
222068 Jiangsu  
China

**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. 153085401.

**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 19 May 2014.**



Dipl.-Ing. M. Adrian

Cologne, 30 September 2009

# Certificate

Registration No.: PV 60025353

Page 1

Report No.: 21208857-1

**License Holder:**

**Jiangsu Dengtai New Energy**  
Chaoyang Development Zone  
Lianyungang, Jiangsu  
China

**Product:**

PV Module  
Type: DT150-24, DT155-24, DT160-24,  
DT165-24, DT170-24, DT175-24,  
DT180-24

**Manufacturing Plant:**

Jiangsu Dengtai New Energy  
Chaoyang Development Zone  
Lianyungang, Jiangsu  
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. 153085401.

**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 has a validity of 5 years counting from date of issue.**



Cologne, 19 May 2009

Dipl.-Ing. M. Adrian



## The Authentication Certificate Of Quality Management System

### Jiangsu Dengtai New Energy Co., Ltd

No.117 Chaoyang Road, Chaoyang, D.Z, Lianyungang, China. P.C.: 222068

According to your organization's application, our center carried out audit and certification in accordance with the requirements for *Quality Management System* (GB/T19001-2000 idt ISO9001:2000), it accords with the requirements through assessment.

The scope of the certified QMS is:

**Producing and service of single crystal and polycrystal solar modules.**

Registered No.: 05307Q10849R0S  
Date of Registration: 23-10-2007  
Date of Diversion: 30-7-2008  
Date of Validity: 23-10-2007~22-10-2010

If not stick the laser surveillance mark after the date of surveillance expires, this certificate is invalid.

The first surveillance		The second surveillance	Mark stick here
------------------------	---	-------------------------	-----------------



Beijing NGV Certification Center

Director: *Chenshiming*

Address of Certification Authority: F/18, Building C, Focus Square, No.6 Yard, Futong East Street, Chaoyang District, Beijing.

Tel: 010-84785070 P.C.: 100102 Http://www.ngv.org.cn