

# Certificate

Registration No.: PV 50181076

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Report No.: 15037617.001

**License Holder:**

Anhui Titan PV Co., Ltd.  
No. 4700, Dongwan Road  
Mechanical Industrial Park,  
Wuhu City, Anhui Province 241100,  
P.R. China

**Product:**

PV Module

**Type:**

with 6" mono-crystalline cell type:

TDM\*\*\*-A-86 (\*\*\*= 205 - 250 in steps of 5)

TDM\*\*\*-A-72 (\*\*\*= 160 - 190 in steps of 5)

**Manufacturing Plant:**

Anhui Titan PV Co., Ltd.  
No. 4700, Dongwan Road  
Mechanical Industrial Park,  
Wuhu City, Anhui Province 241100,  
P.R. China

with 6" poly-crystalline cell type:

TDM\*\*\*P-B-72 (\*\*\*= 245 - 295 in steps of 5)

TDM\*\*\*P-B-60 (\*\*\*= 200 - 240 in steps of 5)

TDM\*\*\*P-B-54 (\*\*\*= 180 - 220 in steps of 5)

TDM\*\*\*P-B-48 (\*\*\*= 160 - 190 in steps of 5)

with 6" mono-crystalline cell type:

TDM\*\*\*-B-72 (\*\*\*= 240 - 290 in steps of 5)

TDM\*\*\*-B-60 (\*\*\*= 210 - 250 in steps of 5)

TDM\*\*\*-B-54 (\*\*\*= 190 - 230 in steps of 5)

TDM\*\*\*-B-48 (\*\*\*= 170 - 200 in steps of 5)

**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. 15036512.001.

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



Certification body

Dirk-Ing. Matthias Grzam

Shanghai, 21 May 2010

TÜV Rheinland LGA Products GmbH, Tillystrasse 2, D-90431 Nürnberg  
Contact: (+49) 221 898-1371, email: cert-validity@de.tuv.com

# Certificate



Registration No.: PV 50181073

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Report No.: 15037620.001

**License Holder:**

Anhui Titan PV Co., Ltd.  
No. 4700, Dongwan Road  
Mechanical Industrial Park,  
Wuhu City, Anhui Province 241100  
P.R. China

**Product:**

PV Module

**Type:**

with 5" mono-crystalline cell type:

TDM\*\*\*-A-96 (\*\*\*= 205 - 250 in steps of 5)

TDM\*\*\*-A-72 (\*\*\*= 160 - 190 in steps of 5)

**Manufacturing Plant:**

Anhui Titan PV Co., Ltd.  
No. 4700, Dongwan Road  
Mechanical Industrial Park,  
Wuhu City, Anhui Province 241100,  
P.R. China

with 6" poly-crystalline cell type:

TDM\*\*\*P-B-72 (\*\*\*= 245 - 295 in steps of 5)

TDM\*\*\*P-B-60 (\*\*\*= 200 - 240 in steps of 5)

TDM\*\*\*P-B-54 (\*\*\*= 180 - 220 in steps of 5)

TDM\*\*\*P-B-48 (\*\*\*= 160 - 190 in steps of 5)

with 6" mono-crystalline cell type:

TDM\*\*\*-B-72 (\*\*\*= 240 - 290 in steps of 5)

TDM\*\*\*-B-60 (\*\*\*= 210 - 250 in steps of 5)

TDM\*\*\*-B-54 (\*\*\*= 190 - 230 in steps of 5)

TDM\*\*\*-B-48 (\*\*\*= 170 - 200 in steps of 5)

**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. 15035512.001.

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



Certification body

Exp.-Ing. Matthias Grzam

Shanghai, 21 May 2010



# 北京中水卓越认证有限公司

Beijing Zhongshui Brilliant Certification Co.,Ltd

No.23 Huangsi Street Xicheng District Beijing

## CERTIFICATE OF CONFORMITY OF QUALITY MANAGEMENT SYSTEM CERTIFICATION

NO: 08910Q0689R0M

This is to certify that the quality management system of

**ANHUI TITAN PV CO.,LTD.**

NO.4700 DONGWAN ROAD MACHINERY INDUSTRIAL PARK WUHU COUNTY ANHUI PROVINCE

PC: 241100

is in conformity with

### GB/T19001-2008 idt ISO9001:2008 Standard

This system is valid for the

THE PRODUCTION AND SERVICE OF PV MODULE

Date of issue:2010-4-26

Term of validity of this certificate:from 2010-4-26 to 2013-4-25 inclusive  
(section 10<sup>th</sup> and 20<sup>th</sup> and 30<sup>th</sup> months supervision of qualified audit)

In the certificate required before the expiry of the re-certification after passing the re-issue a new certificate

Approval of the first  
surveillance audit  
Zhongshui Brilliant  
Certification Co.,Ltd.

Approval of the second  
surveillance audit  
Zhongshui Brilliant  
Certification Co.,Ltd.

Approval of the third  
surveillance audit  
Zhongshui Brilliant  
Certification Co.,Ltd.



Representative of The Company



MANAGEMENT SYSTEM  
CNAS C089-Q



# APPROVED PRODUCT



## Certificate No: MCS BBA 0101

**Technology:** MCS 005

### Products:

Monocrystalline 5" cell type Family

96 cells: TDM\*\*\*-A-96 (\*\*\*)=205-250 in increment of 5 Watts)

72 cells: TDM\*\*\*-A-72 (\*\*\*)=160-190 in increment of 5 Watts)

Monocrystalline 6" cell type Family

72 cells: TDM\*\*\*-B-72 (\*\*\*)=240-290 in increment of 5 Watts)

60 cells: TDM\*\*\*-B-60 (\*\*\*)=210-250 in increment of 5 Watts)

54 cells: TDM\*\*\*-B-54 (\*\*\*)=190-230 in increment of 5 Watts)

48 cells: TDM\*\*\*-B-48 (\*\*\*)=170-200 in increment of 5 Watts)

Polycrystalline 6" cell type Family

72 cells: TDM\*\*\*P-B-72 (\*\*\*)=245-295 in increment of 5 Watts)

60 cells: TDM\*\*\*P-B-60 (\*\*\*)=200-240 in increment of 5 Watts)

54 cells: TDM\*\*\*P-B-54 (\*\*\*)=180-220 in increment of 5 Watts)

48 cells: TDM\*\*\*P-B-48 (\*\*\*)=160-190 in increment of 5 Watts)

Anhui Titan PV Co, Ltd

No 4700,

Dongwan Road Mechanical Industrial Park

Wuhu City

Anhui Province 241100

China

The BBA (British Board of Agrément) has issued this Microgeneration Certification Scheme (MCS) Certificate to the company and products named above, in recognition of the products' compliance with the MCS Scheme Requirements for the technology named above.

On behalf of the British Board of Agrément

Date of issue: 29 July 2011

A handwritten signature in black ink, appearing to read 'G A Cooper'.

Greg Cooper  
Chief Executive

*The BBA is a UKAS accredited certification body – Number 113. The schedule of the current scope of accreditation for product certification is available in pdf format via the UKAS link on the BBA website at [www.bbacerts.co.uk](http://www.bbacerts.co.uk)*

*Readers are advised to check the validity and latest issue number of this MCS Certificate by either referring to the BBA website or contacting the BBA direct.*

British Board of Agrément  
Bucknalls Lane  
Garston, Watford  
Herts WD25 9BA

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tel: 01923 665300  
fax: 01923 665301  
e-mail: [mail@bba.star.co.uk](mailto:mail@bba.star.co.uk)  
website: [www.bbacerts.co.uk](http://www.bbacerts.co.uk)



# 北京中水卓越认证有限公司

Beijing Zhongshui Brilliant Certification Co.,Ltd

No.23 Huangsi Street Xicheng District Beijing

## CERTIFICATE OF CONFORMITY OF ENVIRONMENTAL MANAGEMENT SYSTEM CERTIFICATION

No: 08910E0150R0M

This is to certify that the environmental management system of

### ANHUI TITAN PV CO.,LTD.

NO.4700 DONGWAN ROAD MACHINERY INDUSTRIAL PARK WUHU COUNTY ANHUI PROVINCE

PC: 241100

By reason of its

### Environmental Management System

## GB / T24001-2004 idt ISO14001:2004

The Environmental Management System applies in the following area

ANHUI TITAN CO.,LTD.,WHICH IS LOCATED IN DONGWAN ROAD NO.4700, MACHINERY INDUSTRIAL PARK,  
WUHU COUNTY, ANHUI PROVINCE IS ENGAGED IN THE PV MODULE PRODUCTION AND SERVICE AND  
SOME MANAGEMENT ACTIVITIES INVOLVED

Date of issue: 2010-4-26

Term of validity of this certificate:from 2010-4-26 to 2013-4-25 inclusive  
(section 10<sup>th</sup> and 20<sup>th</sup> and 30<sup>th</sup> months supervision of qualified audit)

In the certificate required before the expiry of the re-certification after passing the re-issue a new certificate

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Zhongshuizhuoyue  
Certification Co.,Ltd.

Approval of the third  
surveillance audit  
Zhongshuizhuoyue  
Certification Co.,Ltd.



Representative of The Company



MANAGEMENT SYSTEM

CNAS C089-E



Further to the certificate applicability,please enquire to the organization,contact 010-82230061 or visit [www.zsbc.net](http://www.zsbc.net) for enquiry



**EC-ATTESTATION CERTIFICATE  
OF EMC**

**Date of Issue** : 09.03.2010

**Client  
(Name & Address)** : Anhui Titan PV Co., LTD.  
4700 Dongwan Road, Mechanical Industrial Park, Wuhu Anhui, 241100, China

**Manufacturer  
(Name & Address)** : Anhui Titan PV Co., LTD.  
4700 Dongwan Road, Mechanical Industrial Park, Wuhu Anhui, 241100, China

**Description of Product(s)** : Solar Module

**Model(s) and/or Trade Mark** : TDM280-B-72, TDM230 -B-60, TDM200-B-54, TDM180-B-48, TDM230-A-96,  
TDM180-A-72, TDM080-A, TDM040-A, TDM020-A, TDM010-A, TDM005-A,  
TDM140-B, TDM070-B, TDM040-B, TDM030-B, TDM010-B, TDM260P-B-72,  
TDM220P-B-60, TDM200P-B-54, TDM180P-B-48, TDM140P-B, TDM070P-B,  
TDM040P-B, TDM030P-B & TDM010P-B / Titan

**Assessment Performed** : Conformity to 2004/108/EC Electromagnetic Compatibility Directive

**Standard(s)** : EN 61000-6-1:2007 ; EN 61000-6-3:2007 ; EN 61000-3-2:2006  
EN 61000-3-3:1995+A1: 2001+A2:2005

The above products which had been manufactured by Anhui Titan PV Co., LTD. in conformity with the technical files are reviewed and found to be ACCEPTABLE according to the 2004/108/EC Electromagnetic Compatibility Directive and harmonized standards. (EN 61000-6-1; EN 61000-6-3 ; EN 61000-3-2 ; EN 61000-3-3)

The CE mark as shown below can be used, under the responsibility of the manufacturer, after completion of an EC Declaration of Conformity and compliance with all relevant EC Directives.



This Certificate is issued by SGS Supervise Gözetme Etüd Kontrol Servisleri A.Ş. under its General Conditions for System, Product & Service Certification. The issuance of this Certificate does not exonerate buyers or sellers from exercising all their rights and discharging all their liabilities under the Contract of Sale. Stipulations to the contrary are not binding on the SGS Supervise Gözetme Etüd Kontrol Servisleri A.Ş.

Issued in İstanbul  
On 09<sup>th</sup> March, 2010

For and on behalf of  
SGS Supervise Gözetme Etüd  
Kontrol Servisleri A.Ş.

**SGS Supervise Gözetme Etüd Kontrol Servisleri A.Ş.**

Abide-i Hürriyet Cad. Geçit Sokak

NO:4 K:1-2-3-4 34381 Şişli İstanbul- TURKEY

t: 90.212.3684000 (Pbx)

f: 90.212.2964782-83

e: [sgs\\_turkey@sgs.com](mailto:sgs_turkey@sgs.com)

S-IND-F-32/ Rev:2

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