



QUALITY SYSTEM CERTIFICATE

Certificate No.: 0105Q13886R0S/3100

We hereby certify that

Shanghai Pubsolar Co., Ltd.

1000 Jinhai Road, Nanqiao Town, Fengxian District, Shanghai, China

by reason of its

Quality Management System

has been awarded this certificate for compliance with the standard

ISO9001:2000

The Quality Management System Applies in the following area:
The Manufacture and Service of Solar Cells and Solar Modules

Exclusion: Design and Development Requirements

Date of Issue: Nov. 11, 2005

Valid Until: Nov. 10, 2008

The validity of the certificate depends on the surveillance audit by the certification body at regular intervals.
The validity information of the certificate shall be inquired from the website www.cqc.com.cn



李怀林

Signed by: Li huailin



CHINA QUALITY CERTIFICATION CENTRE

A16, Chaoyangmenwaijajie, Beijing, 100020, P.R. China
<http://www.cqc.com.cn>

Certificate

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Report No.: 21206633

License Holder:

Shanghai Pubsolar Co.,Ltd.

#3666 Jinghai Road, Nanqiao Town, Fengxian District,
201400, Shanghai
China

Product:

PV Modules

Type: GYS-165C

Manufacturing Plant:

Shanghai Pubsolar Co.,Ltd.

#3666 Jinghai Road, Nanqiao Tow, Fengxian District
201400 Shanghai
China

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.

Remarks:

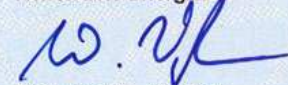
The above mentioned PV module may be used in PV plants at a maximum system voltage (Voc at STC) of up to **1000 VDC**. The modules consist of glass / EVA / cells / PVF-PET-PVF foil (MA PTD250), Yukita junction box YJB-2, Yukita cable 4mm², Yukita connectors YS-188-x;YS-189-y and aluminium frame. The module type which is listed above contains 72 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 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



Dipl.-Ing. W. Vaaßen

Cologne, 8 May 2007

ASU-PTL Photovoltaic Module Qualification

Test Certificate C1-PUB06001 is awarded to

Manufacturer: Shanghai Pubsolar Company, Ltd.

Type: GYS-165C

Models: GYS-165C, GYS-160C, GYS-155C, GYS-150C, GYS-145C, GYS-140C

Specifications: 72 monocrystalline silicon cells, Yukita j-box, EVA encapsulant, TPT backsheet, tempered glass superstrate, anodized aluminum frame. Maximum system voltage is 1000 V. (See photos on back.)

Tested type: GYS-165C Sampling: Nine manufacturer-supplied unconditioned test samples

Test samples received: 5/5/06 and 5/14/06

Tests conducted from: 5/9/06 To: 9/1/06

Tests conducted at: PTL, 7349 E. Unity Avenue, Mesa, Arizona, 85212

Web: www.poly.asu.edu/ptl

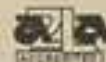
This laboratory is accredited by the American Association for Laboratory Accreditation (AZLA).

Manufacturer's Address: Shanghai Pubsolar Co., Ltd., #3666 Jinghai Road, Nanqiao Town, Fengxian District, Shanghai, 201400

Test data and analysis detailed in Test Report #: R-PUB06001

PTL Project: PUB06001-LZ

Certificate Issue Date: September 13, 2006



Certificate #0921-01
Since 6/23/97

The **Arizona State University Photovoltaic Testing Laboratory (ASU-PTL)** acknowledges that the above photovoltaic modules have been subjected to and passed the minimum requirements defined in test standard(s):

1. IEC 61215: Design qualification and type approval for crystalline silicon terrestrial photovoltaic (PV) modules [1993-04].

Models listed above qualified based upon IEC Retest Guidelines [12/30/04] and IEC/TC82/WG2 Type and Model Conventions [4/16/02].

All tests in the above listed test standard(s) are within the ASU-PTL's scope of accreditation. Exception(s): *None*

Deviations from, additions to, or exclusions from aforementioned test standard(s): *None*

This test certificate may be used by the manufacturing company for its own purposes, however, the ASU-PTL cannot accept any legal responsibility from such use.

If the tested type undergoes any future product or process modifications, limited re-testing is required to maintain valid certification according to the applicable Retest Guidelines.

Dr. Govindasamy Tamizh-Mani, Director
Certifying Authority

Joseph M. Kuitche, Operations Manager
Certifying Witness

Todd Arends, Test Manager
Certifying Witness