

# ASU-PTL Photovoltaic Module Qualification

Type Test Certificate C1-ASN07001 is awarded to

**Manufacturer: ASUN Energy Co., Ltd.**

**Type: ASM200PCA0G100**

Models: **ASM215PCA0G100, ASM210PCA0G100, ASM205PCA0G100, ASM200PCA0G100, ASM195PCA0G100, ASM190PCA0G100, ASM185PCA0G100, ASM180PCA0G100**

Specifications: 60 polycrystalline silicon GinTech cells, Spelsberg PV1410 j-box, EVA encapsulant, TPT backsheet, tempered glass superstrate, and aluminum frame. Maximum system voltage is 1000 V. (See photos on the back.)

Tested type: ASM200PCA0G100 Sampling: Nine manufacturer-supplied unconditioned test samples

Test samples received: 3/8/07

Tests conducted from: 3/23/07 To: 8/27/07

Tests conducted at: PTL, 7349 E. Unity Avenue, Mesa, Arizona, 85212 Web: [www.poly.asu.edu/ptl](http://www.poly.asu.edu/ptl)

This laboratory is accredited by the American Association for Laboratory Accreditation (A2LA).

Manufacturer's Address: ASUN Energy Co., Ltd., 1536 Yunli Road, Wujiang City, Songlintown, Jiangsu, China 215200

Test data and analysis detailed in Test Reports: [R-ASN07001](#)

PTL Project: [ASN07001](#)

Original Certificate Issue Date: [August 28, 2007](#)



Testing Cert. #0921.01  
Since 6/23/97

The **Arizona State University Photovoltaic Testing Laboratory (ASU-PTL)** acknowledges that the above photovoltaic test samples have satisfied the requirements of the following test standard(s):

**1. IEC 61215: Crystalline silicon terrestrial photovoltaic (PV) modules - Design qualification and type approval [2005-04].**

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.*

*This test certificate pertains only to the modules tested at the date of test and does not guarantee any past or future performance.*

*If the tested type undergoes any future design 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

Bo Li, Test Manager  
Certifying Witness