

# ASU-PTL Photovoltaic Module Qualification

Type Test Certificate C1-GEE07001 is awarded to

**Manufacturer: GE Energy**

**Type: GEPVp-200-M**

**Models: GEPVp-215-M, GEPVp-210-M, GEPVp-205-M, GEPVp-200-M, GEPVp-195-M, GEPVp-190-M, GEPVp-185-M, GEPVp-180-M**

Specifications: 54 poly silicon Motech cells made with a sputtering Anti-Reflective cell coating manufacturing technique, Tyco (#1877869-1) or GE (#M2080) j-box, EVA encapsulant, TPE backsheet, tempered glass superstrate, and anodized aluminum frame. Max system voltage is 1000 V. (See photos on back.)

Tested type: GEPVp-200-M Sampling: Seven manufacturer-supplied unconditioned test samples

Test samples received: 2/9/07

Tests conducted from: 2/16/07

To: 6/26/07

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: GE Energy LLC, 231 Lake Drive, Newark, DE 19702, USA

Test data and analysis detailed in Test Reports: R-GEE07001

PTL Project: GEE07001

Certificate Issue Date: July 5, 2007



Test 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].**

The GEPVp-200-M qualified by similarity to the GEPVp-200-M in project GEE05013a based upon IEC Retest Guidelines [12/30/04].

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 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

Bo Li, Test Manager  
Certifying Witness