Solar PV Module Testing Order Form

Date Submitted:

Company Name:

Primary Contact Name: **Alternate Contact Name:**

Shipping Address:

City: **State:** **Zip Code:** **Country:**

Phone: **Fax:** **E-mail:**

Billing Address (if different):

Purchase Order Number: **Invoice E-mail Address**

A PURCHASE ORDER OR CREDIT CARD MUST BE ON FILE AT THE START OF EACH TEST

Note: All power performance determinations based on methods in IEC60904-1 and supporting documents. A reference PV cell/module of the same size and technology of the samples will be required if using the Atlas Class B indoor simulator for collecting data

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Module Type/Description:

Module Sizes: **Module Weight:**

Module Cell Technology: **Operating Temp:** **Max System Voltage:**

Concentration (e.g. 1x, 2x, 500x):

Special Consideration: (e.g. Changes from previous model? Tracking? Hybrid CHP?)

Standards: ☐ IEC61215 ☐ IEC61646 ☐ UL1703 ☐ Other

What are your goals for this custom designed testing program? (e.g. Performance STC/NOCT/ LowE? Environmental sequences? Mechanical durability/reliability tests? Qualification for certificate? Other?)

Return Shipping Carrier: ☐ UPS ☐ Fed Ex ☐ YRC ☐ Other

Ship to:

ATLAS WEATHERING SERVICES GROUP
45601 N. 47th Ave.
Phoenix, AZ 85087-7042
Phone: (623) 465-7356
Fax: (623) 465-9409

Note: The next page may be left blank if FULL QUALIFICATION "type testing" is the project goal.

PV Module Individual Test Selections

Testing Options	Number of Samples	Test Criteria (PS = Per Standard))
Visual Inspection**		
Preconditioning (specify conditions)		
Bypass/Blocking Diode Thermal		
Condensing Humidity		
Damp Heat*		
Dielectric Withstand (Hi-pot)**		
Electrical Insulation Test**		
Electrical Performance (IV Curve)		
FLIR IR Imaging		
Hot Spot Endurance		
Humidity Freeze*		
Leakage Current**		
Max Power Determination**		
NOCT		
Off-Axis Beam Damage		
Outdoor Exposure (60kWh)		
Performance at NOCT		
Salt Fog		
Temperature Coefficient Measurement		
Temperature Test		
Thermal Cycling (# of cycles)*		
UV Exposure (specify kWh + duration)*		
Water Spray		
Wet Insulation**		
Wet Leakage Current**		

* = Environmental Chamber

** = Performed before and after each test (typical)