

ASTM E948 Photovoltaic Cell Measurements Request Form

ISO request number _____

Requester and Correspondence Information

Requester _____ Requester phone _____
 Requester Affiliation _____ Requester fax or email _____
 Cover letter? Y/N Requester's data supplied? Y/N
 Other persons authorized to receive data and test report _____
 Confidential (*protection available only to USA requesters*)

Sample information (please use one form for each material/structure)

Manufacturer _____ Device ID _____
 Property of (if other than requester) _____

Has this cell been previously measured in this lab? Yes When _____ No Don't know

Please circle junctions below. Do not indicate filters, windows, AR coatings, or contacts. If you wish to have these or other features indicated on the test report, please note them in the comment section, below.

Mono-Si	GaAs	Ge	Other (specify)
Multi-Si	GaInAs	InP	
CdTe	GaInP	Cu(Ga,In)(S,Se)	

Requester's data	Area	Isc	Jsc	Voc	FF	Eff.
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Physical Description of packaged reference cell (include filters, temperature sensor, connectors, or other relevant information)

Calibration under standard reference conditions (25 °C, 1000 W/m², ASTM G173 or IEC 60904-3 ed. 2 global)

Certificates will be issued for data taken on the X25 cell test bed that meet the following constraints:

- 1 Area above than 0.5 by 0.5 cm and less than 20 by 20 cm
- 2 Voc > 0.1 V and < 40 V
- 3 Isc > 1 mA and < 15 A
- 4 No inherent instabilities in the current
- 5 Single junction devices only
- 6 Able to control temperature (metal package)
- 7 Wires or connector with mate attached with separate I and V (4-wire)
- 9 Attached temperature sensor (J, K, T thermocouple or RTD)

Use back of form if necessary

Received Date _____ Initials _____	Approved for test Date _____ Initials _____	Reviewed Date _____ Initials _____	Shipped Date _____ Initials _____
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