

LACSS Photovoltaic Module Calibration Request Form

Requestor and Correspondence Information

Requestor _____ Email # _____
 Affiliation _____ Phone # _____
 Address _____ Fax # _____
 City/State/Zip _____
 Cover letter? Yes No Data supplied ? Yes No
 Other persons authorized to receive data and test report _____
 Confidential (*protection available only to USA requesters*)

Sample information (please use one form for each sample)

Manufacturer _____ Device ID _____
 Property of (if other than Mfr) _____
 Calibration under standard reference conditions (25 °C, 1000 W/m², ASTM G173 or IEC 60904-3 ed. 2 global)
 following [ASTM E 1036 and IEC 60904-1](#).

Certificates will be issued for data taken on the LACSS test bed that meet the following constraints

- 1 Single cell isolated for qe measurements that is representative of the module qe (cell in module package, cell)
- 2 Area less than 150 by 120 cm
- 3 $V_{oc} > 0.5 \text{ V}$ and $< 290 \text{ V}$
- 4 $I_{sc} > 100 \text{ mA}$ and $< 50 \text{ A}$
- 5 No inherent instabilities in the current (eliminate a-Si)
- 6 Single junction devices only

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

Please indicate the PV material.

Mono-Si Multi-Si CdS/CdTe Cu(In,Ga)(S,Se) CdS/Cu(In,Ga)Se₂
 Other _____

If you wish to have special features indicated on the test report, please note them in the comment section below.

Comments or physical description of module or cell in a module package (include temperature sensor, connectors, or other relevant information)

Contact Instructions

Contact Information	Phone	email	Shipping Address	Postal Address
Steve Rummel	(303) 384-6287	steve.rummel@nrel.gov	Steve Rummel, NREL, OTF	Steve Rummel, NREL, MS 3411
Keith Emery (group manager)	(303) 384-6632	keith.emery@nrel.gov	16253 Denver West Parkway Golden, CO 80401-3393 USA	1617 Cole Blvd. Golden, CO 80401-3393 USA

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