

ELECTRONICS TEST & DEVELOPMENT CENTRE, BANGALORE

Solar PV Testing Facilities

Field : Electronics Testing

Electronics Test and Development Center Bangalore is having special test facility to performance evaluation of PV modules under standard/different test conditions and Qualification testing of PV modules as per the Standards mentioned below:

PARAMETER	Test Facility	Specification & Standards
SPV Products	Full Specification Testing Type Testing Performance Testing	Mfr. Spec IS 14286 IEC 1215 JRC 503
Equipment Tested	SPV Cells, SPV Modules upto 80W	
Accreditation	NABL	

Major Equipment

Nomenclature	Make	Model
Sun Simulator	SPIRE	SPI 240A
Weather Station with Data-logger	Campbell	21 XL

DETAILED CAPABILITY

Sl. No	Test	Test Details	Test Specifications
1	Performance Testing Type Testing of PV Modules, Visual Examination Insulation Resistance Climatic Tests: Damp Heat, Thermal cyclic, Humidity Freeze UV preconditioning	Sun simulator SPV Panel Dimension: 1300*800*94mm Voltage Max.: 100V Current Max: 20A Light Source: Xenon Lamp Irradiance: 70-110mW/sq.cm	IEC 61215 IS 14286 JRC 503 RDSO Mfr. Spec.
	Monitoring of temperature humidity, Irradiance, wind speed & wind direction.	Weather Station with Data Logger	

Contact Details

Customer Service - Test Coordinator

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