

DATA SHEET FOR MULTI CRYSTALLINE PHOTOVOLTAIC MODULES

ELECTRICAL CHARACTERISTICS OF SPV MODULES

Maximum Power at STC(Pmax)	220 wp(-0 to +3%)	217 wp(-0 to +3%)
Open circuit Voltage(Voc)	36.24V	36.24V
Voltage at maximum power(Vmp)	29.82V	29.82V
Short Circuit current (Isc)	8.11A	8.11A
Current at maximum power Imp)	7.38A	7.28A
Maximum Module Efficiency (%)	13.55%	13.5%
Operating Temperature	-40°C to +85°C	-40°C to +85°C
Maximum System Voltage	1000VDC	1000VDC
Maximum Series Fuse Rating	15A	15A

STC: Irradiance 1000W/ m², Module Temperature 25°C, AM 1.5

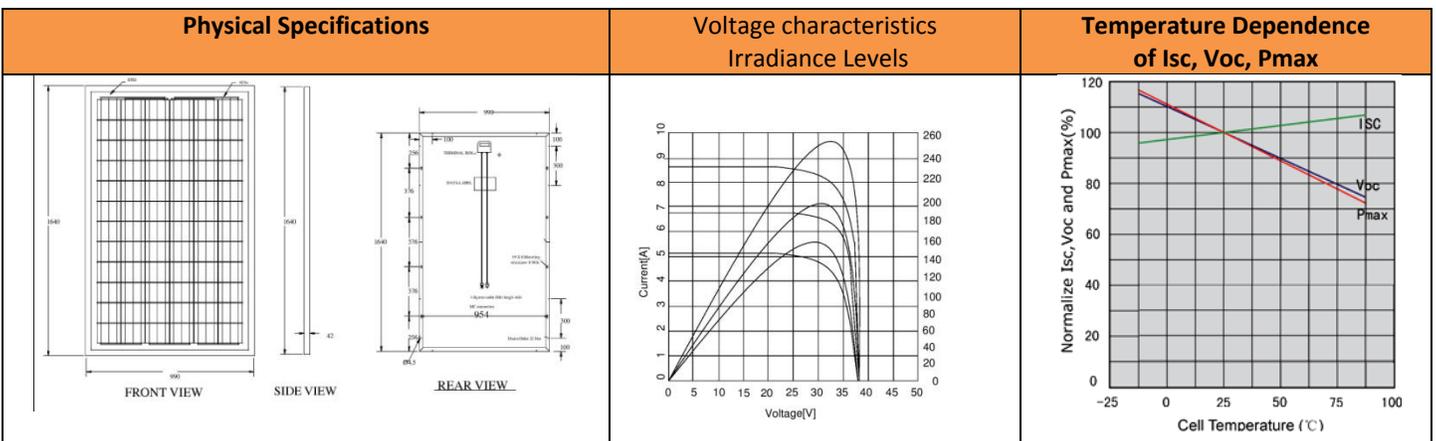
MECHANICAL DIMENSIONS

Solar Cells	Poly-Crystalline 156mm x 156mm
Cells per module	60(10 x6)
Dimensions(mm x mm x mm)	1640x990x42mm
Weight Approx	19kg
Front Glass	3.2 mm Tempered
Frame	Anodized Aluminum Frame (Double Walled)
Junction Box	IP 65 rated
Output Cables	4.0mm ² asymmetrical lengths(-) 1250mm & (+)1000mm

TEMPERATURE COEFFICIENTS

NOCT	Temp Co Pmax	Temp Co Voc	Temp Co Isc
48±2°C	-0.42%/K	-0.33%/K	0.05%/K

Certifications	Warranty	Shipping
IEC 61215, 61730, ISO 9001:2000	5 Years Warranty on Material and workman. 25 Years warranty on Power output. 90% of the rated power is guaranteed for a period of 12 years and 80% of the rated power is guarantee over a period of 25 years.	Ship Loading capacity (20ft container): 252 panels in 12 cartons, Loading capacity (40ft container) 588 panels in cartons 28



**SOLAR MODULE
60(6X10)
CELL MATRIX**



Technology

Sri Savitr Solar Modules are being Manufactured using state-of-art facilities and cutting edge Technology. These Modules are available in Framed and Laminates Versions.

Quality

Sri Savitr Solar uses high Efficiency Polycrystalline Solar Cells to provide maximum power and to meet the exacting demands of industry.

Certification

Sri Savitr Solar Modules have been approved as per the requirement of IEC 61215 : 2005 and IEC 61730 by TUV Rheinland Germany.

Besides Sri Savitr Solar has a quality management system compliance with International Quality system ISO 9000:2000.

Technical Product Information

- High Efficiency Mono/Poly Crystalline cells.
- Junction Box with Bypass Diodes as per EN 50548:2011+A1 standard.
- Cells Protected by high transmittance, low-Iron Fully tempered glass and a layer of Tedlar and EVA.
- Anodized Aluminum frame to protect the laminate and provide base for mounting structure.
- Pre-wired with Quick Connector system.



SRI SAVITR SOLAR PVT LTD

An ISO 9001:2000 Certified Company

