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Solar Panel Guide Specification Data Sheet

Sova Power Limited

SS235P-54

SS235P

Also available on the web at
EnergyPal.com/sova-power-limited-solar-panels/ss235p

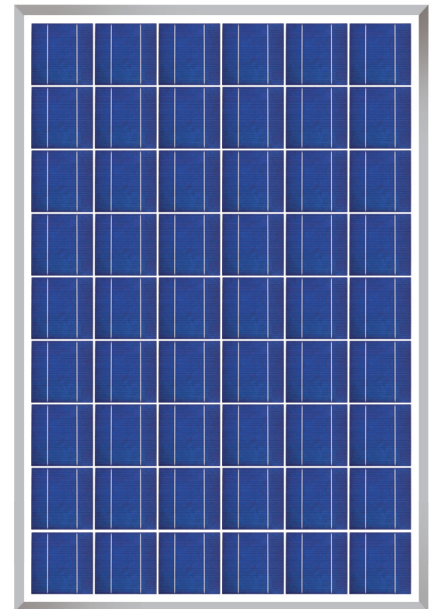


ENERGISING THE FUTURE...



SS235P | 230Wp-235Wp

- Excellent Power Output with +ve Tolerance upto 4.9Wp
- 12 Years Limited Product Warranty
- 25 Years of Linear Power Guarantee
- High Performance Modules with efficiency up to 16.15%
- All the modules are PID resistant.
- F.S.I (Flame Spread Index) tested modules first in India
- 100% EL Tested



- The panels are constructed with Anti Reflective Coating (ARC) toughened low iron, textured high light transmission glass
- Multi layer tedlar and Fast Cure EVA
- Reinforced anodized Aluminium Frame
- Pre-drilled frame for easy mounting
- IP65 & IP67 rated Junction connector
- Solar MC4 compatible connector

APPLICATION

- On-grid system
- BIPV
- Solar Farms
- Standalone (off-grid) Systems

CONSTRUCTIONAL CHARACTERISTICS

- Frame
- Glass
- EVA
- Cells
- Back Sheet

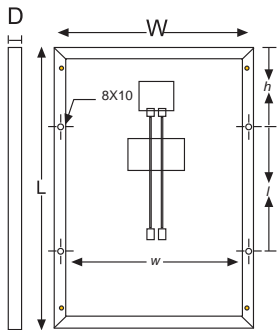
CERTIFICATION

- IEC 61215 & 61730
- IEC 61701 (Salt Mist Test)
- MNRE (India) Certified
- ISO 9001-2008
- ISO 14001-2004

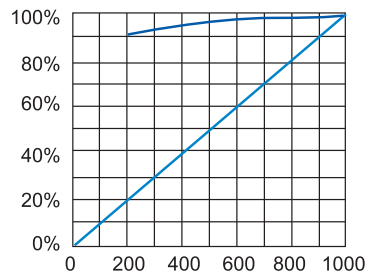


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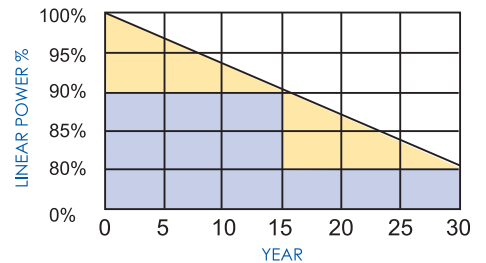
SPECIFICATIONS	SS230P	SS235P
	Cell Multi crystalline Solar Cell	
Electrical Characteristics		
Open Circuit Voltage (Voc)	33.46 V	33.61 V
Optimum Operating Voltage (Vmp)	27.25 V	27.34 V
Short Circuit Current (Isc)	8.84 A	8.98 A
Optimum operating Current (Imp)	8.45 A	8.6 A
Power at STC (Pmax)	230 W	235 W
Module Efficiency (n) %	15.81%	16.15%
Operating Conditions	-40°C to +85°C at 85% RH	
Temperature Co-efficient for Voc/°C (B)	-0.34%	
Temperature Co-efficient for Isc/°C (a)	0.05%	
Temperature Co-efficient for power/°C (y)	-0.43%	
NOCT	45°C ± 2°C	
Mechanical Characteristics		
Weight	16.7Kg	
Module Dimension (L) X (W) X (D)	1481X982X35mm	
Mounting Hole (Oblong)	8X10 mm	
Mounting Hole CTC distance - vertical	800 mm	
Mounting Hole from corner (h)	340.5 mm	
Mounting Hole CTC distance - horizontal	630 mm	



Light-Level Performance for Isc and VOC



Linear Power Guarantee on Sovasolar PV Modules
97% upto 1 year then @ 0.7%/year



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