



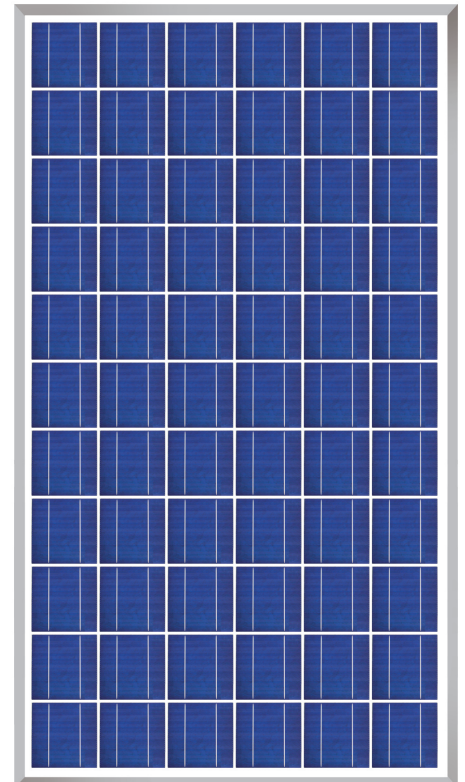
ENERGISING THE FUTURE...

SS290P

280Wp-290Wp



- 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 16.46%
- 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

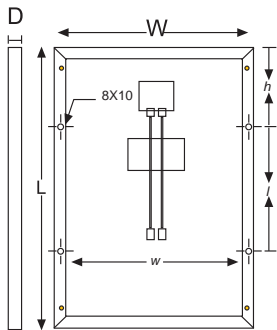


- IEC 61215 & 61730
- IEC 61701 (Salt Mist Test)
- MNRE (India) Certified
- ISO 9001-2008
- ISO 14001-2004

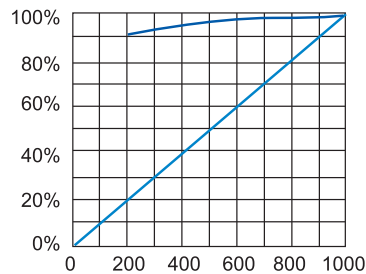


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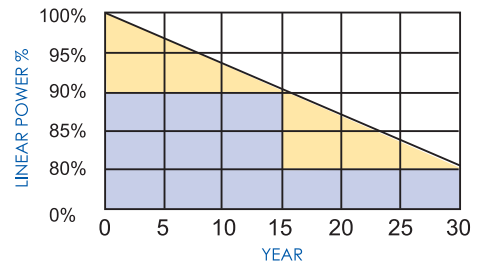
SPECIFICATIONS	SS280P	SS285P	SS290P
	Cell Multi crystalline Solar Cell		
Electrical Characteristics			
Open Circuit Voltage (Voc)	40.89 V	41.03 V	41.17 V
Optimum Operating Voltage (Vmp)	33.25 V	33.36 V	33.48 V
Short Circuit Current (Isc)	8.84 A	8.94 A	9.04 A
Optimum operating Current (Imp)	8.43 A	8.55 A	8.67 A
Power at STC (Pmax)	280 W	285 W	290 W
Module Efficiency (η) %	15.87%	16.18%	16.46%
Operating Conditions	-40°C to +85°C at 85% RH		
Temperature Co-efficient for Voc/°C (β)	-0.34%		
Temperature Co-efficient for Isc/°C (α)	0.05%		
Temperature Co-efficient for power/°C (γ)	-0.43%		
NOCT	45°C ± 2°C		
Mechanical Characteristics			
Weight	20.3 Kg		
Module Dimension (L) X (W) X (D)	1797X982X42mm		
Mounting Hole (Oblong)	8X10 mm		
Mounting Hole CTC distance - vertical	899 mm		
Mounting Hole from corner (h)	449 mm		
Mounting Hole CTC distance - horizontal	944 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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