

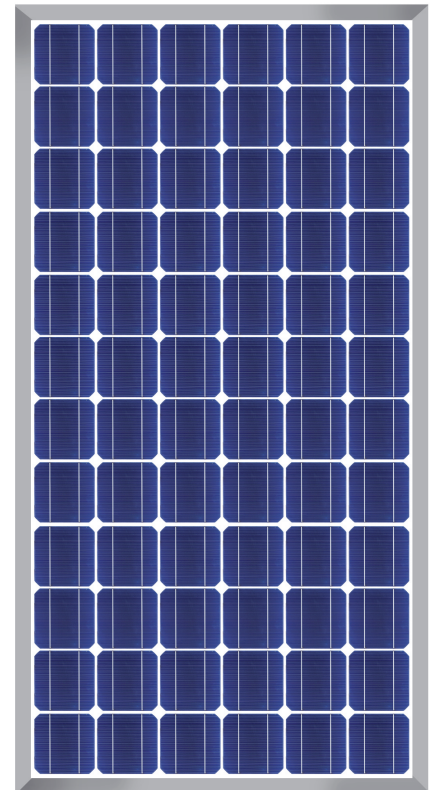


ENERGISING THE FUTURE...

SS345M | 345Wp



- 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 17.81%
- 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

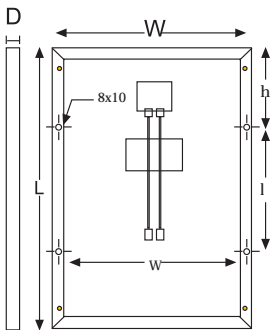


- Frame
- Glass
- EVA
- Cells
- Back Sheet

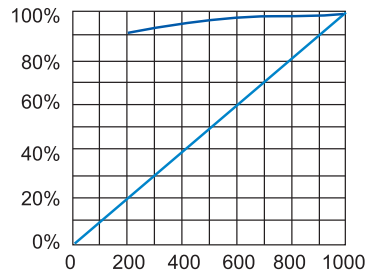


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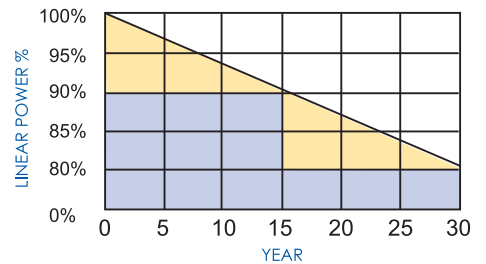
SPECIFICATIONS	SS345M
	Monocrystalline Solar Cell
Electrical Characteristics	
Open Circuit Voltage (Voc)	45.94 V
Optimum Operating Voltage (Vmp)	38.88 V
Short Circuit Current (Isc)	9.42 A
Optimum operating Current (Imp)	8.88 A
Power at STC (Pmax)	345 W
Module Efficiency (n) %	17.81%
Operating Conditions	-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	22.5 Kg
Module Dimension (L) X (W) X (D)	1964 X 986 X 42 mm
Mounting Hole (Oblong)	8X10 mm
Mounting Hole CTC distance - vertical	978 mm
Mounting Hole from corner (h)	493mm
Mounting Hole CTC distance - horizontal	948 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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