









SOVA SOLAR™

ENERGISING THE FUTURE...

SS40072MP

400wp



-  Excellent Power Output with +ve Tolerance upto **4.99Wp**
-  **12 Years** Limited Product Warranty
-  **25 Years** of Linear Power Guarantee
-  Online **EL** Testing (Pre & Post Lamination) for ensuring Defect free modules
-  All products are **PID**, Ammonia & Salt mist corrosion resistant
-  Excellent performance at low **Light** condition
-  Excellent **Temperature** coefficients and performance



- The panels are constructed with Anti Reflective Coating (ARC) toughened low iron, textured high light transmission glass
- Multi layer composite Film and Ultra Fast Cure EVA.
- Reinforced anodized Aluminum Frame with Twin Wall Profile
- Pre-drilled frame for easy mounting
- IP68 rated Junction Box connector
- Solar MC4 compatible connector

APPLICATION

CONSTRUCTIONAL CHARACTERISTICS

CERTIFICATION

- On-grid system
- BIPV
- Solar Farms
- Standalone (off-grid) Systems
- Battery charging
- Solar Water Pumping

- Glass
- EVA
- Cells
- EVA
- Back Sheet
- Frame

- IS 14286:2010/IEC 61215:2005
- IS/IEC 61730:2004 Part I & II
- IEC 62804(PID)
- IEC 62716
- IEC 61701
- ISO 9001:2015
- ISO 14001:2015
- ISO 45001:2018



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SPECIFICATIONS	SS40072MP
	MONO PERC Solar Cell
Electrical Characteristics	
Open Circuit Voltage (Voc)	48.01 V
Optimum Operating Voltage (Vmp)	41.03 V
Short Circuit Current (Isc)	10.31 A
Optimum Operating Current (Imp)	9.76 A
Power at STC (Pmax)	400 W
Temperature Co-efficient for Voc/°c(β)	-0.25%
Temperature Co-efficient for Isc/°c(α)	0.029%
Temperature Co-efficient for power /°c(γ)	-0.34%
Module Efficiency (η) %	20.11 %
Operating Conditions	-40°C to +85°C at 85% RH
Maximum System Voltage	1500 VDC
NOCT	45°C ± 2°C
Mechanical Characteristics	
Weight	21.8Kg
Module Dimension (L) X (W) X (D)	1985 x 1002 x 40 ±1mm
Mounting Hole (Oblong)	8 X 10 ± 0.5 mm
Mounting Hole CTC distance - vertical	1176 ±1 mm
Mounting Hole from corner (h)	404.5 ±1 mm
Mounting Hole CTC distance - horizontal	953 ±1mm

