

3Wp

Excellent Power Output with +ve Tolerance upto 3Wp



12 Years Limited Product Warranty

25 Years

25 Years of Linear Power Guarantee



High Performance Modules with efficiency more than 15.67%



All the modules are PID resistant



- The panels are constructed with low iron, textured high light trans
- 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

THIS DATASHEET IS APPLICABLE FOR: MxP72cXXX
XXX=300 - 315
Electrical Characteristics

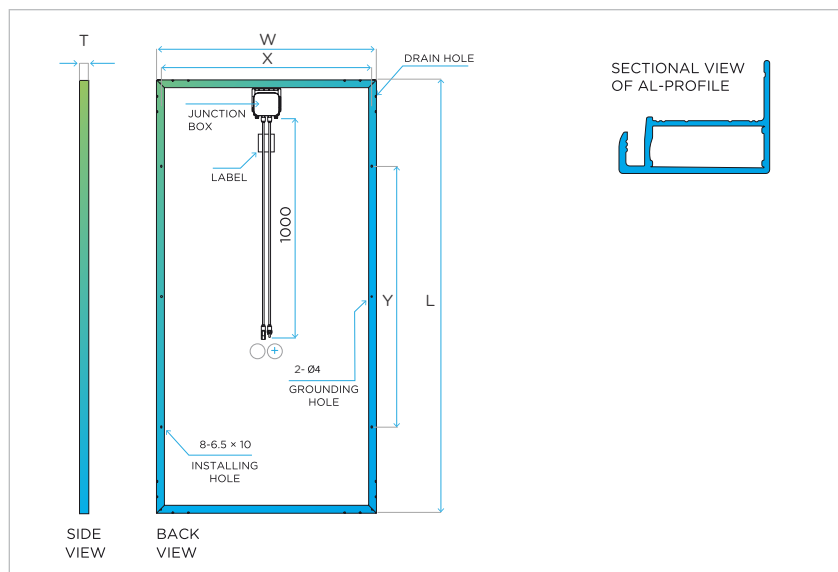
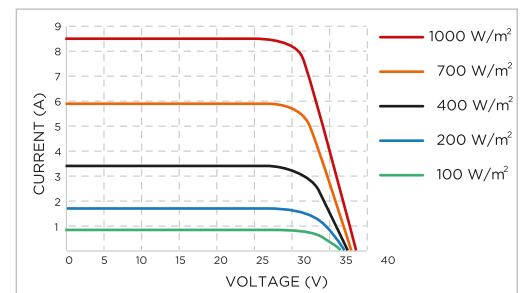
Rated Power (Wp)	305	310
Maximum Voltage (Vmp)	36.7	38.1
Maximum Current (Imp)	8.32	8.14
Open Circuit Voltage (Voc)	45.4	45.7
Short Circuit Current (Isc)	8.7	8.81
Module Efficiency (%)	15.65	16.00

Temperature Coefficients

Tc of Open Circuit Voltage	-0.31%/°C	-0.31%/°C
Tc of Short Circuit Voltage	0.052%/°C	0.052%/°C
Tc of Power	-0.41%/°C	-0.41%/°C
Maximum System Voltage	1000V	1000V
NOCT	44°C ± 2°C	44°C ± 2°C
Temperature Range	-40°C to +85°C	-40°C to +85°C

Mechanical Data

Length X Width X Height	1980X985X40	1980X985X40
Mounting Holes Y (mm)	1000	1000
Mounting Holes X (mm)	955	955
Module Weight (kg)	22.5	22.5
Application Class	Class A	Class A
Protection Class	Class II	Class II
Superstrate	High transmission low iron tempered glass	High transmission low iron tempered glass
Number of Cells	72	72
Cell Encapsulant	EVA	EVA
Back Sheet	Composite Film	Composite Film
Frame	Anodized aluminium frame with twin wall profile	Anodized aluminium frame with twin wall profile
Mechanical Load Test	5400Pa	5400Pa
Maximum Series Fuse Rating	15A	15A
Cable	4mm ²	4mm ²
Connectors	MC4	MC4

Dimensions in mm

IV Curves

Performance Warranty
