



12 Years Limited Product Warranty



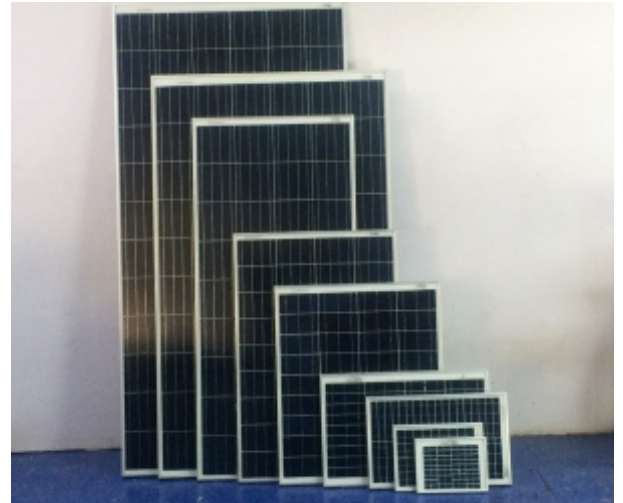
25 Years of Linear Power Guarantee



High Performance Modules with efficiency up to 12.95%



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

Solar Street Light
Solar Home Light



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: MxP12XX
XX=37 - 45
Electrical Characteristics

Rated Power (Wp)	30	40	45
Maximum Voltage (Vmp)	17.72	17.82	17.95
Maximum Current (Imp)	1.69	2.24	2.5
Open Circuit Voltage (Voc)	21.9	21.5	21.5
Short Circuit Current (Isc)	1.8	2.41	2.7
Module Efficiency (%)	12.03 %	12.95 %	12.95 %

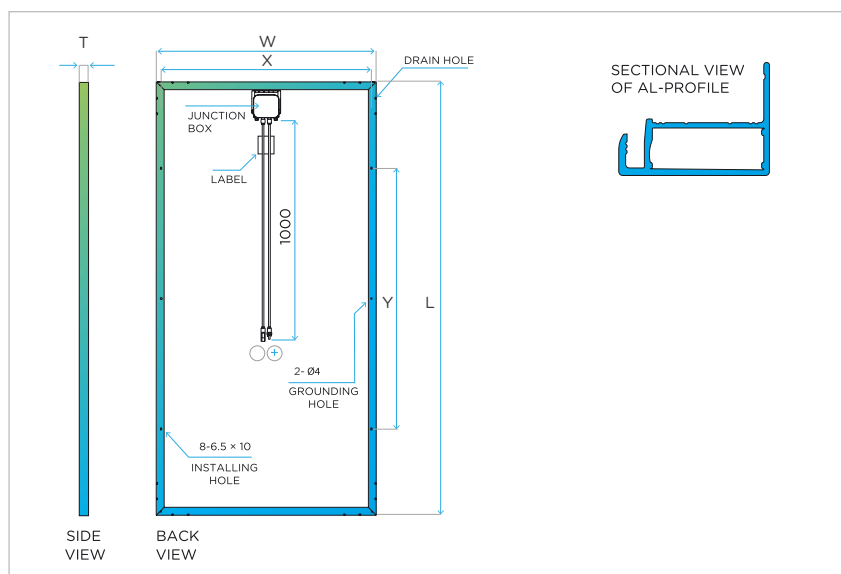
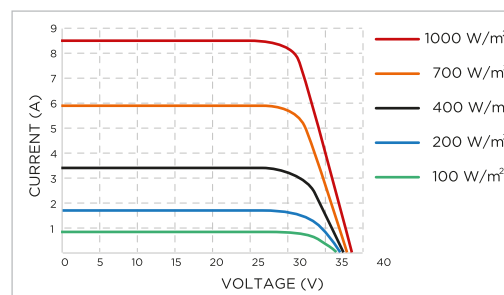
Temperature Coefficients

Tc of Open Circuit Voltage	-0.45%/°C	-0.45%/°C	-0.45%/°C
Tc of Short Circuit Voltage	-0.35%/°C	-0.35%/°C	-0.35%/°C
Tc of Power	-0.41%/°C	-0.41%/°C	-0.41%/°C
Maximum System Voltage	600V	600V	600V
NOCT	-0.45%/°C	-0.45%/°C	-0.45%/°C
Temperature Range	-40°C to +85°C	-40°C to +85°C	-40°C to +85°C

Mechanical Data

Length X Width X Height	550X350X35	670X440X35	670X440X35
Mounting Holes Y (mm)	200	200	200
Mounting Holes X (mm)	315	640	640
Module Weight (kg)	2.8	3.6	3.6
Application Class	Class A	Class A	Class A
Protection Class	Class II	Class II	Class II
Superstrate	High transmission low iron tempered glass	High transmission low iron tempered glass	High transmission low iron tempered glass
Number of Cells	36	36	36
Cell Encapsulant	EVA	EVA	EVA
Back Sheet	Composite Film	Composite Film	Composite Film
Frame	Anodized aluminium frame with twin wall profile	Anodized aluminium frame with twin wall profile	Anodized aluminium frame with twin wall profile

Mechanical Load Test	5400Pa	5400Pa	5400Pa
Maximum Series Fuse Rating	10A	10A	10A

Cable
Connectors
Dimensions in mm

IV Curves

Performance Warranty
