



12 Years Limited Product Warranty



25 Years of Linear Power Guarantee



High Performance Modules with efficiency up to 9.53%



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 Lantern 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=10 or 12**
**Electrical Characteristics**

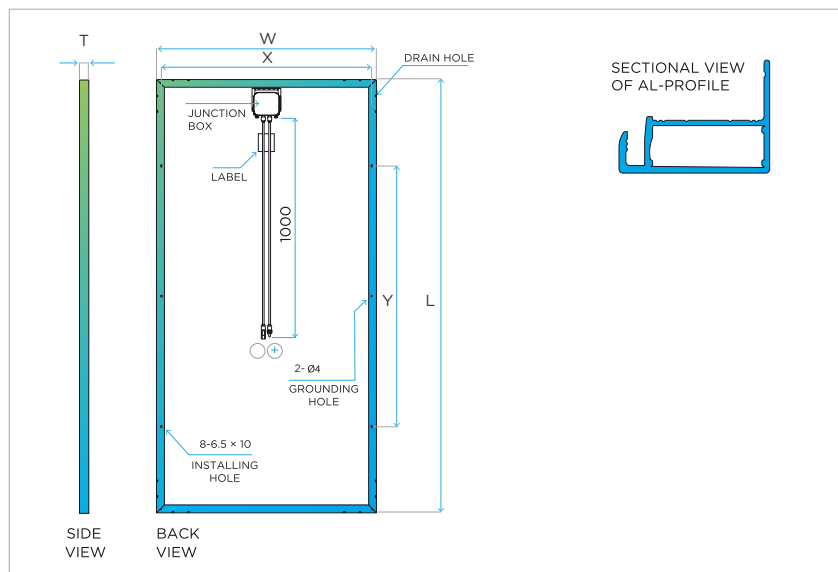
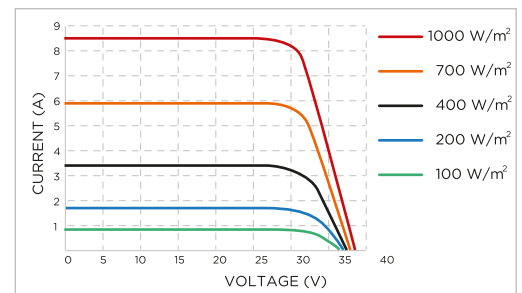
Rated Power (Wp)	10	12
Maximum Voltage (Vmp)	17.51	17.52
Maximum Current (Imp)	0.56	0.68
Open Circuit Voltage (Voc)	21.5	12.7
Short Circuit Current (Isc)	0.65	0.78
Module Efficiency (%)	9.53 %	11.43 %

**Temperature Coefficients**

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

**Mechanical Data**

Length X Width X Height	355X265X35	355X265X40
Mounting Holes Y (mm)	150	150
Mounting Holes X (mm)	235	235
Module Weight (kg)	1.26	1.26
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	36	36
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	5A	5A
Cable		
Connectors		

**Dimensions in mm**

**IV Curves**

**Performance Warranty**
