



12 Years Limited Product Warranty



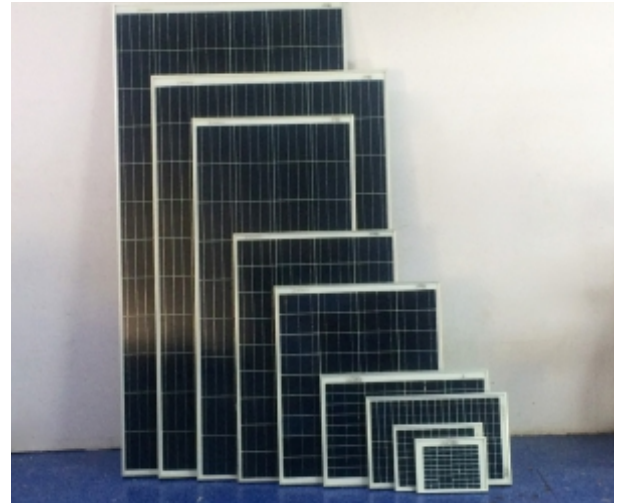
25 Years of Linear Power Guarantee



High Performance Modules with efficiency up to 13.54%



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



Application

On- grid system
BIPV
Solar Street Light
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: MxP12100-12150
Electrical Characteristics

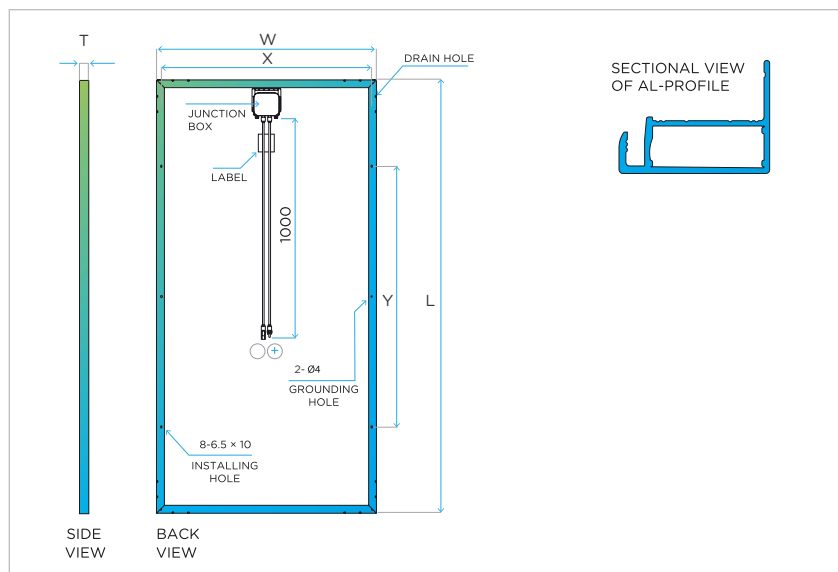
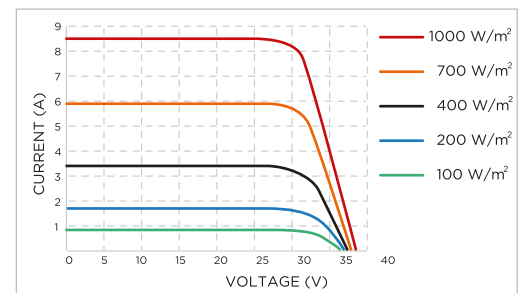
| | | |
|-----------------------------|--------|--------|
| Rated Power (Wp) | 100 | 150 |
| Maximum Voltage (Vmp) | 17.62 | 18.2 |
| Maximum Current (Imp) | 5.68 | 8.34 |
| Open Circuit Voltage (Voc) | 21.52 | 22.5 |
| Short Circuit Current (Isc) | 5.98 | 8.67 |
| Module Efficiency (%) | 13.30% | 13.54% |

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 | 1000V | 1000V |
| NOCT | | |
| Temperature Range | | |

Mechanical Data

| | | |
|----------------------------|---|---|
| Length X Width X Height | 1000x670x40 | 1475x670x40 |
| Mounting Holes Y (mm) | 550 | 550 |
| Mounting Holes X (mm) | 635 | 635 |
| Module Weight (kg) | 7.51 | 9 |
| 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 | |
| Cell Encapsulant | EVA | |
| Back Sheet | Composite Film | |
| Frame | Anodized aluminium frame with twin wall profile | |
| Mechanical Load Test | 5400Pa | |
| Maximum Series Fuse Rating | 15A | |
| Cable | | |
| Connectors | | |

Dimensions in mm

IV Curves

Performance Warranty
