



Maglare 48 Series

- ✓ Positive power output tolerance.
- ✓ Excellent efficiency and long term reliability.
- ✓ Good performance under high temperature and low irradiance conditions.
- ✓ 100% EL tested before and after lamination.
- ✓ Low Iron Tempered Glass offers high resistance.
- ✓ Anodized Aluminium Frames provides stability and protection in all weather conditions.
- ✓ High Standard of encapsulation material from global supply chain leaders.
- ✓ 10 years of mechanical warranty and 25 years of performance warranty.

Electrical Parameters: (All Data refers to STC (AM 1.5, 1000 W/m², 25°C))

| Model | MT180 | MT200 | |
|-----------------------------|---------|---------|--|
| Peak Power (Pmax) | 180 W | 200 W | |
| Maximum Voltage (Vm) | 24.96 V | 24.96 V | |
| Maximum Current (Im) | 7.22 A | 8.02 A | |
| Open Circuit Voltage (Voc) | 29.76 V | 29.76 V | |
| Short Circuit Current (Isc) | 7.6 A | 8.46 A | |
| Module Efficiency (%) | 13.61 | 15.13 | |

* Tolerance ± 3% except Pmax | * Positive Power Tolerance

Mechanical Parameters:

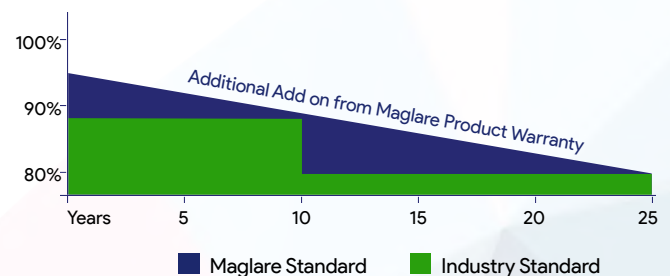
| | |
|-------------------------|---|
| Length X Width X Height | 1335mm X 990mm X 35mm |
| Weight | 13.5 Kg |
| Junction Box | IP 65 |
| Cables & Connectors | NA |
| Superstrate | High Transmission Low Iron Tempered Glass |
| Cells | 48 Polycrystalline Cells : 4BB |
| Cell Encapsulation | EVA (Ethylene Vinyl Acetate) |
| Backsheet | Composite Film |
| AL Frame | Anodized Aluminium Alloy |

Applications:

- ✓ On-grid rooftop residential, commercial
- ✓ Off-grid residential systems
- ✓ Industrial roof top installations
- ✓ Solar pumping applications

Maglare Performance Warranty:

10 Years Product Warranty - 25 Years Linear Power Warranty



Approvals and Certifications*

IEC 61215, IEC 61730 -1 & 2, IEC 61701 (Ed.2)
ISO 9001, 14001, 18001

* All (*) certifications are under progress.

