



Maglare 72 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.
- ✓ Anti Reflective Coating (ARC) light absorption and reduces surface dust
- ✓ 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	MT300	MT315	MT330	MT340	MT350
Peak Power (Pmax)	300 W	315 W	330 W	340 W	350W
Maximum Voltage (V _m)	37.44 V	37.44 V	38.88 V	39.6 V	39.6 V
Maximum Current (I _m)	8.03 A	8.42 A	8.49 A	8.59A	8.84 A
Open Circuit Voltage (V _{oc})	44.64 V	44.64 V	45.36 V	46.08 V	46.08 V
Short Circuit Current (I _{sc})	8.43 A	8.85 A	8.89 A	9.01 A	9.19 A
Module Efficiency (%)	15.38	16.15	16.92	17.43	17.94

* Tolerance ± 3% except Pmax | * Positive Power Tolerance up to 5w

Mechanical Parameters:

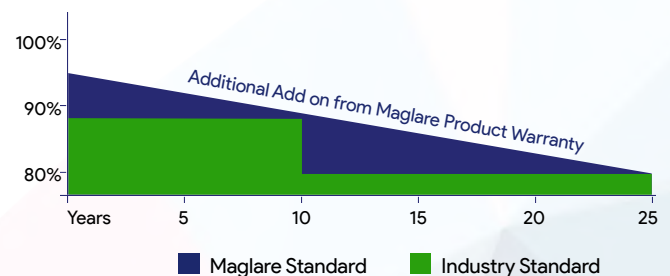
Length X Width X Height	1970mm X 990mm X 40mm
Weight	22 Kg
Junction Box	IP 65/IP 67, 3 diodes
Cables & Connectors	1000 mm cable length with MC4 compatible connectors
Superstrate	AR Coated
Cells	72 Polycrystalline Cells : 4BB
Cell Encapsulation	EVA (Ethylene Vinyl Acetate)
Backsheet	Composite Film
AL Frame	Anodized Aluminium Alloy
Maximum Fuse Rating	15A

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.

