

- ✔ 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.
- ✔ Anodized Aluminium Frames provides stability and protection in all weather conditions.
- ✔ Manufactured using highest grade of raw materials 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	MTM330	MTM333	MTM335	MTM340	MTM350
Peak Power (Pmax)	330 W	333 W	335 W	340 W	350 W
Maximum Voltage (V _m)	38.23 V	38.23 V	38.23 V	38.44 V	39.16 V
Maximum Current (I _m)	8.65 A	8.72 A	8.77 A	8.85 A	8.94 A
Open Circuit Voltage (V _{oc})	45.43 V	45.43 V	45.43 V	45.64 V	46 V
Short Circuit Current (I _{sc})	9.13 A	9.20 A	9.25 A	9.33 A	9.44 A
Module Efficiency (%)	15.38	15.89	16.15	17.43	17.95

NOCT Data:

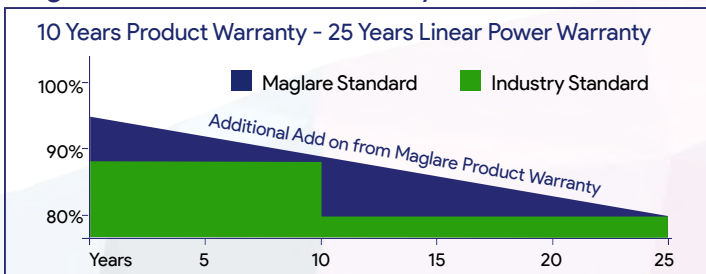
* Positive Power Tolerance

Model	MTM330	MTM333	MTM335	MTM340	MTM350
Peak Power (Pmax)	238.59 W	240.76 W	242.21 W	245.82 W	253.05 W
Maximum Voltage (V _m)	34.79 V	34.79 V	34.79 V	34.98 V	35.63 V
Maximum Current (I _m)	6.86 A	6.92 A	6.96 A	7.03 A	7.11 A
Open Circuit Voltage (V _{oc})	41.84 V	41.84 V	41.84 V	42.03 V	42.36 V
Short Circuit Current (I _{sc})	7.32 A	7.38 A	7.42 A	7.48 A	7.57 A

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	3.2 mm, High Transmission, AR Coated Tempered Glass
Cells	72 Monocrystalline Cells : 4BB / 5BB
Cell Encapsulation	EVA (Ethylene Vinyl Acetate)
Backsheet	Composite Film
AL Frame	Anodized Aluminium Alloy
Maximum Fuse Rating	15A

Maglare Performance Warranty:

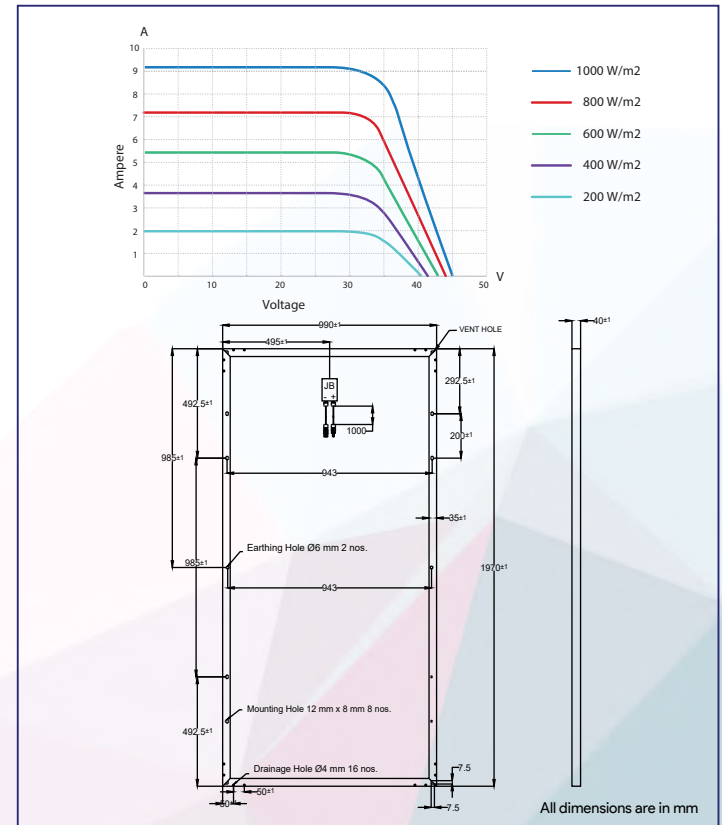


Permissible Operating Conditions:

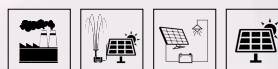
Maximum System Voltage	= 1000 V
Maximum Surface Load	= 5400 Pa
Temperature Range	= - 40 °C to + 85 °C
Nominal Operating Cell Temp. (NOCT)	= 45 ± 2 °C
Hail Resistance	= Maximum 25mm Diameter with 23m/s Velocity.

Temperature Coefficients:

Short Circuit Current Temp. Coefficient (α)	= + 0.056 % / °C
Open Circuit Voltage Temp. Coefficient (β)	= - 0.30 % / °C
Power Temp. Coefficient (γ)	= - 0.35 % / °C



Applications:



- ✔ Ground mounted and utility scale power plants
- ✔ On-grid rooftop residential, commercial
- ✔ Off-grid residential systems
- ✔ Industrial roof top installations
- ✔ Solar pumping applications