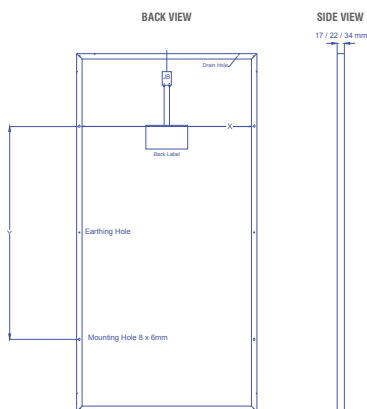


Electrical Parameters All Data Refers To STC (AM 1.5, 1000 w/m², 25 °c)

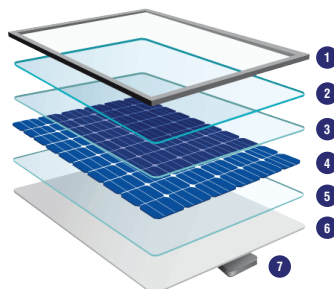
Model	MT120	MT130	MT140	MT150	MT160	MT180	MT200
Peak Power (Pmax)	120 W	130 W	140 W	150 W	160 W	180 W	200 W
Maximum Voltage (Vm)	19.29 V	19.32 V	19.35 V	19.37 V	19.40 V	24.96 V	25 V
Maximum Current (Im)	6.25 A	6.75 A	7.25 A	7.75 A	8.26 A	7.22 A	8.02 A
Open Circuit Voltage (Voc)	23.52 V	23.62 V	23.72 V	23.82 V	23.92 V	29.76 V	30.54 V
Short Circuit Current (ISC)	6.5 A	7.0 A	7.45 A	8.1 A	8.45 A	7.6 A	8.46 A
Maximum System Voltage (V)	600/1000 V						
Module Efficiency (%)	14.73	15.96	14.08	15.09	16.09	13.62	15.13

Mechanical Parameters

Model	MT120	MT130	MT140	MT150	MT160	MT180	MT200
Length×Width×Height	1225×665×35 mm		1485×665×35 mm			1335×990×35 mm	
Weight	10 KG		11 KG			13.5 KG	14 KG
Junction Box	IP 68 Certified 3 - rail, 2 Diode					IP 68 Certified 4 - rail, 3 Diode	
Superstrate	High Transmission Low Iron Tempered Glass 3.2 mm						
Cells	Poly Crystalline Cells						
Cell Arrangement	36 Cells					48 Cells	
Cell Encapsulation	EVA (Ethylene Vinyl Acetate)						
Backsheet	Composite Film						
AL Frame	Anodized Aluminum Alloy						
Connector	Optional						
Cable	Optional						
Mounting Holes Pitch (X)-mm	631	631	631	631	631	956	956
Mounting Holes Pitch (Y)-mm	612.5	612.5	742.5	742.5	742.5	667.5	667.5



- 1) Aluminium Frame
- 2) Solar Tempered Glass
- 3) Encapsulant
- 4) Solar Cell String
- 5) Encapsulant
- 6) Backsheet
- 7) Junction Box



All dimensions are in mm with ±1% Tolerance

Permissible Operating Conditions:

Operating temperature range(°C)	-40 to +85
Max. system voltage, Vdc	600/1000 V

Product Certifications:

*Product Warranty 5 Year



IEC 61215 | IEC 61730 -1 & 2
IEC 62804-1 | IEC 61701
IEC 61853-1

ISO 9001 : 2015 | ISO 14001 : 2015 | ISO 45001 : 2018