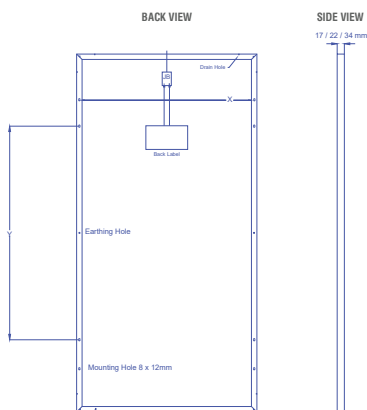


Electrical Parameters All Data Refers To STC (AM 1.5, 1000 w/m², 25 °c)

Model	MT220	MT240	MT250	MT270	MT280
Peak Power (Pmax)	220 W	240 W	250 W	270 W	280 W
Maximum Voltage (Vm)	28.08 V	28.62 V	31.2 V	32.1 V	32.20 V
Maximum Current (Im)	7.84 A	8.39 A	8.02 A	8.42 A	8.70 A
Open Circuit Voltage (Voc)	33.48 V	34.02 V	37.2 V	37.8 V	38.30 V
Short Circuit Current (ISC)	8.24 A	8.93 A	8.42 A	8.95 A	9.30 A
Maximum System Voltage (V)	600/1000 V				
Module Efficiency (%)	16.65	14.65	15.26	16.48	17.09

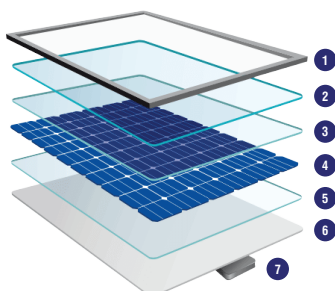
Mechanical Parameters

Model	MT220	MT240	MT250	MT270	MT280
Length×Width×Height	1335×990×35 mm	1655×990×35 mm			
Weight	14.5 KG	17.60 KG			
Junction Box	IP 68 Certified 4 - rail, 3 Diode				
Maximum Fuse Rating	15 A				
Superstrate	High Transmission Low Iron Tempered Glass 3.2 mm				
Cells	Poly Crystalline Cells				
Cell Arrangement	54 Cells		60 Cells		
Cell Encapsulation	EVA (Ethylene Vinyl Acetate)				
Backsheet	Composite Film				
AL Frame	Anodized Aluminum Alloy				
Connector	1000/1200 mm Cable Length with MC4 Compatible Connectors				
Fire Safety Class	C				
Application Class	A				
Electrical Safety Class	2				
Mounting Holes Pitch (X)-mm	958	957	958	958	958
Mounting Holes Pitch (Y)-mm	667.5	827.5	827.5	827.5	827.5



All dimensions are in mm with ±1% Tolerance

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



Permissible Operating Conditions:

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

Product Certifications:

*Product Warranty 10 Year



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

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