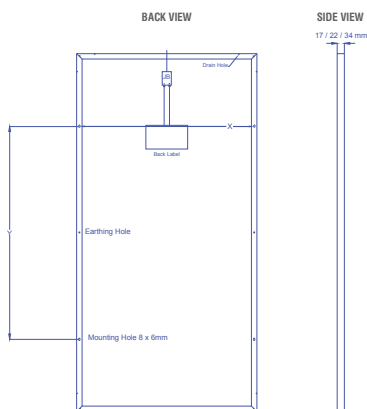


Electrical Parameters All Data Refers To STC (AM 1.5, 1000 W/m², 25° C)

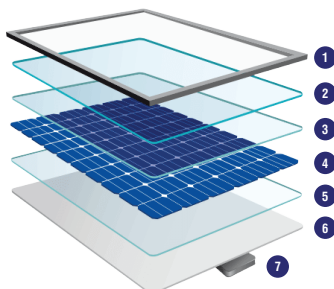
Model	MT15	MT20	MT30	MT37	MT40	MT50	MT70	MT75	MT80	MT100
Peak Power (Pmax)	15 W	20 W	30 W	37 W	40 W	50 W	70 W	75 W	80 W	100 W
Maximum Voltage (Vm)	18.72 V	18.75 V	18.78 V	18.80 V	18.82 V	18.87 V	18.90 V	18.93 V	18.95 V	18.99 V
Maximum Current (Im)	0.81 A	1.08 A	1.61 A	1.98 A	2.14 A	2.66 A	3.71 A	3.97 A	4.25 A	5.3 A
Open Circuit Voltage (Voc)	22.32 V	22.37 V	22.47 V	22.55 V	22.57 V	22.67 V	22.77 V	22.81 V	22.86 V	23.1 V
Short Circuit Current (ISC)	0.85 A	1.14 A	1.71 A	2.05 A	2.26 A	2.82 A	3.8 A	4.0 A	4.3 A	5.4 A
Maximum System Voltage (V)	600/1000 V									
Module Efficiency (%)	8.28	11.04	9.81	12.10	13.08	13.55	13.58	14.55	15.52	14.74

Mechanical Parameters

Model	MT15	MT20	MT30	MT37	MT40	MT50	MT70	MT75	MT80	MT100
Length×Width×Height	525×345×22 mm		460×665×35 mm			555×665×35 mm	775×665×35 mm			1020×665×35 mm
Weight	2.5 KG		3.2 KG		3.8 KG	4.6 KG	6.8 KG			8 KG
Junction Box	IP 65 Certified 2 - rail		IP 65 Certified 2 - rail, 1 Diode			IP 68 Certified 3 - rail, 2 Diode				
Superstrate	High Transmission Low Iron Tempered Glass 3.2 mm									
Cells	Poly Crystalline Cells									
Cell Arrangement	36 Cells									
Cell Encapsulation	EVA (Ethylene Vinyl Acetate)									
Backsheet	Composite Film									
AL Frame	Anodized Aluminum Alloy									
Connector	Optional									
Cable	Optional									
Mounting Holes Pitch (X)-mm	323	323	631	631	631	631	631	631	631	631
Mounting Holes Pitch (Y)-mm	262.5	262.5	230	230	230	277.5	387.5	387.5	387.5	510



- 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