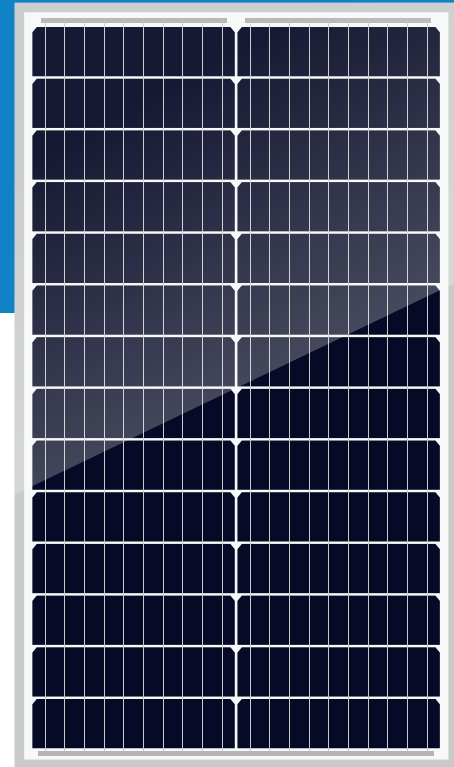


50 Watt

SKT 50M10

182mm 28Cells PV Module



Electrical Characteristics

Module Type	SKT 50M10
	STC
Maximum Power- Pmax(W)	50
Open Circuit Voltage - Voc(V)	19.12
Short- Circuit Current - Isc(A)	3.18
Voltage at Pmax -Vmp(V)	16.53
Current at Pmax - Imp(A)	3.02
Module Efficiency -ηm(%)	17.83
Power Tolerance(W)	0, +4.99W
Maximum System Voltage(V)	700Vdc (IEC / UL)
Maximum Series Fuse Rating (A)	10A

Mechanical Specifications

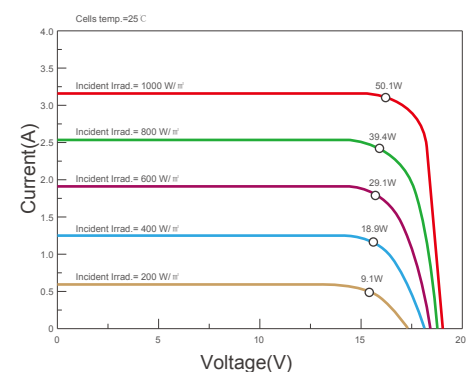
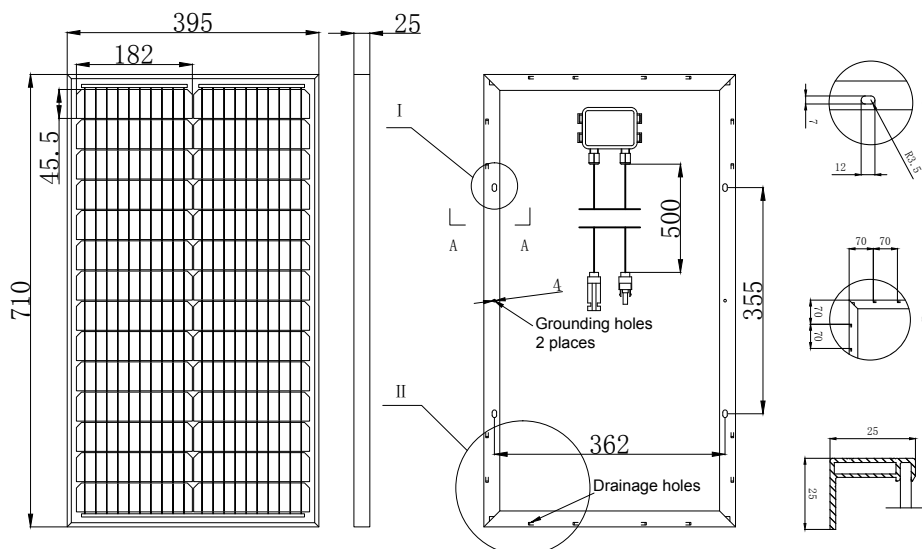
External Dimensions	710*395*25mm
Weight	3.09kg
Solar Cells	Mono crystalline 182X45.5mm (2X14pcs)
Front Glass	3.2 mm tempered glass
Frame	Aluminum
Junction Box	IP67
Output Cables	50cm, length can be customized
Connector	MC4 Compatible
Mechanical Load	Front Side Max. 5400Pa, Rear Side Max. 2400Pa

Temperature Characteristics

Pmax Temperature Coefficient	-0.350%/C
Voc Temperature Coefficient	-0.270%/C
Isc Temperature Coefficient	+0.048%/C
Operating Temperature	-40~+85 C
Nominal Operating Cell Temperature(NOCT)	45±2 C

Packing Configuration

Module Type	SKT50M10
Module Dimensions	710*395*25mm
Pallet Dimensions	770*1100*930mm
Pallet Weight	280kg
Pieces/Pallet	80pcs



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