

80 Watt

SS 80M10

182mm 28Cells PV Module

Electrical Characteristics

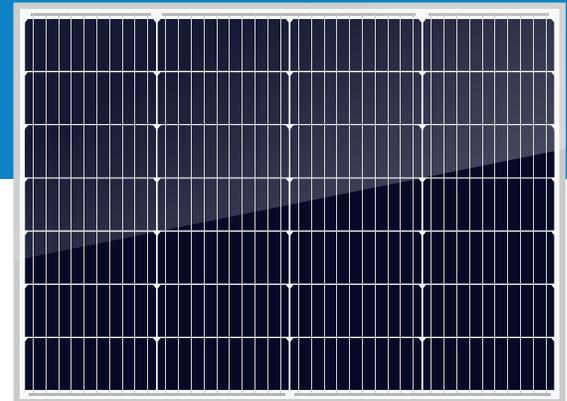
Module Type	SS 80M10
	STC
Maximum Power- Pmax(W)	80
Open Circuit Voltage - Voc(V)	19.12
Short- Circuit Current - Isc(A)	5.09
Voltage at Pmax -Vmp(V)	16.53
Current at Pmax - Imp(A)	4.84
Module Efficiency - η m(%)	18.35
Power Tolerance(W)	0, +4.99W
Maximum System Voltage(V)	700Vdc (IEC / UL)
Maximum Series Fuse Rating (A)	10A

Mechanical Specifications

External Dimensions	570*765*30mm
Weight	4.67kg
Solar Cells	Mono crystalline 182X72.8mm (4X7pcs)
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

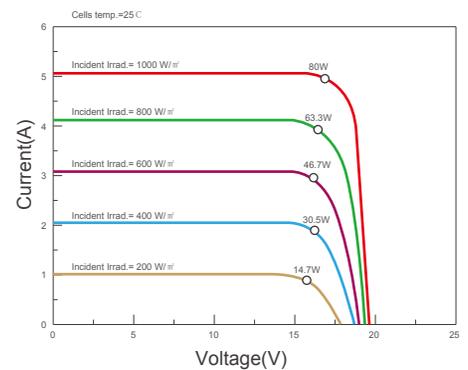
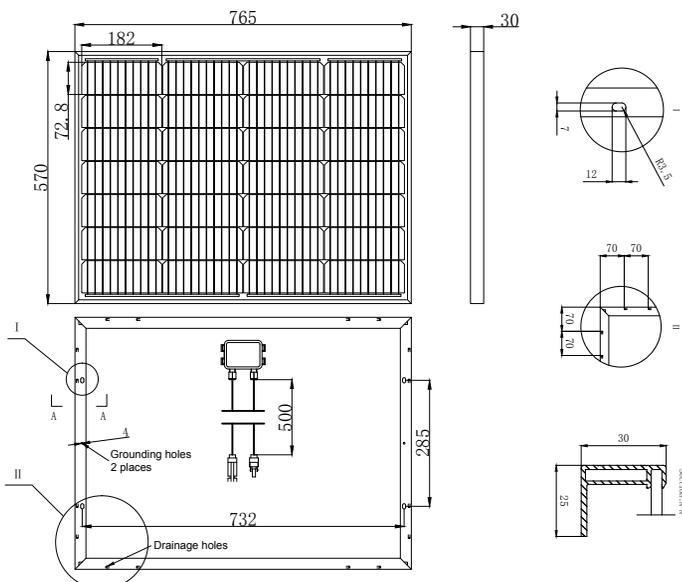
Temperature Characteristics

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	SS80M10
Module Dimensions	570*765*30mm
Pallet Dimensions	815*1100*690mm
Pallet Weight	200kg
Pieces/Pallet	36pcs



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