

# 120 Watt

## SS 120M10

182mm 32Cells PV Module

### Electrical Characteristics

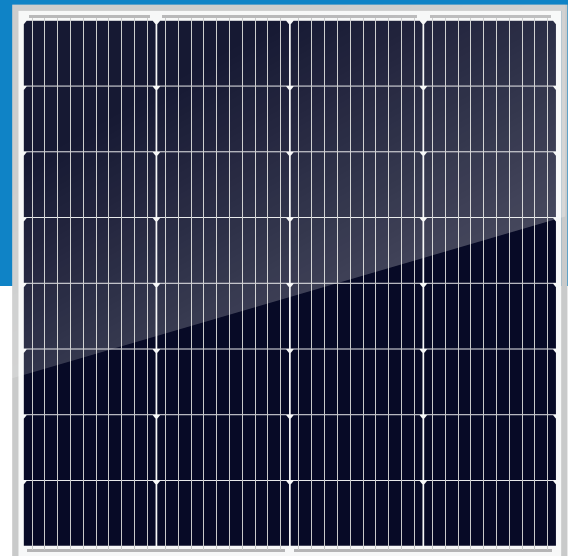
Module Type	SS 120M10
	STC
Maximum Power- Pmax(W)	120
Open Circuit Voltage - Voc(V)	22.03
Short- Circuit Current - Isc(A)	6.54
Voltage at Pmax -Vmp(V)	19.28
Current at Pmax - Imp(A)	6.22
Module Efficiency - $\eta$ m(%)	19.86
Power Tolerance(W)	0, +4.99W
Maximum System Voltage(V)	700Vdc (IEC / UL)
Maximum Series Fuse Rating (A)	10A

### Mechanical Specifications

External Dimensions	790*765*30mm
Weight	6.37kg
Solar Cells	Mono crystalline 182X91mm (4X8pcs)
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	SS 120M10
Module Dimensions	790*765*30mm
Pallet Dimensions	840*1100*885mm
Pallet Weight	260kg
Pieces/Pallet	36pcs

