

Electrical Characteristics

Module Type	ZM 120M10
	STC
Maximum Power- Pmax(W)	120
Open Circuit Voltage - Voc(V)	22.57
Short- Circuit Current - Isc(A)	6.46
Voltage at Pmax -Vmp(V)	19.54
Current at Pmax - Imp(A)	6.14
Module Efficiency - η m(%)	19.34
Power Tolerance(W)	0, +4.99W
Maximum System Voltage(V)	700Vdc (IEC / UL)
Maximum Series Fuse Rating (A)	10A

STC : Irradiance 1000W/m², Cell Temperature 25 °C, Air Mass 1.5

Mechanical Specifications

External Dimensions	1070*580*30mm
Weight	6.56kg
Solar Cells	Mono crystalline 182X91mm (3X11pcs)
Front Glass	3.2 mm tempered glass
Frame	Aluminum
Junction Box	IP67
Output Cables	90cm, 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	ZM120M10
Module Dimensions	1070*580*30mm
Pallet Dimensions	1120*1100*700mm
Pallet Weight	270kg
Pieces/Pallet	36pcs

