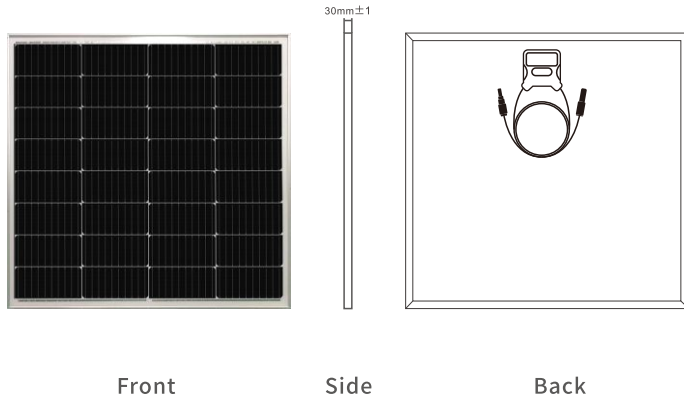


Engineering Drawings



Structural Parameter

Dimensions of Module	800×770×30mm
Weight	7.5kg
Glass	High Transparency Solar Glass 3.2mm
Backsheet	White
Frame	Anodized Aluminum Alloy & Custom Color Accepted
J-Box	IP68 Rated
Cable	4.0mm ² , 800mm
Bypass Diodes	3PCS
Wind/ Snow Load	2400Pa/5400Pa
Connector	MC4 Compatible

Electrical Specification (STC: Irradiance 1000W/m², Cell temperature 25°C, AM1.5G)

Module Type	SF-M16/36120
Testing Condition	STC
Maximum Power (Pmax) [W]	120
Maximum Power Voltage (Vmp) [V]	17.80
Maximum Power Current (Imp) [A]	6.75
Open Circuit Voltage (Voc) [V]	22.00
Short Circuit Current (Isc) [A]	7.31
Cell Type [mm]	Mono 166, 36 Cells
Operational Temperature [°C]	-40~+85°C
Maximum System Voltage	1500V DC
Nominal Voltage	25V

Temperature Ratings

Temperature Coefficient Voltage	(0.065 ± 0.015)%/°C
Temperature Coefficient Current	-(160 ± 10)mA/°C
Temperature Coefficient Power	-(0.5 ± 0.05)%/°C

Curve Diagram

