

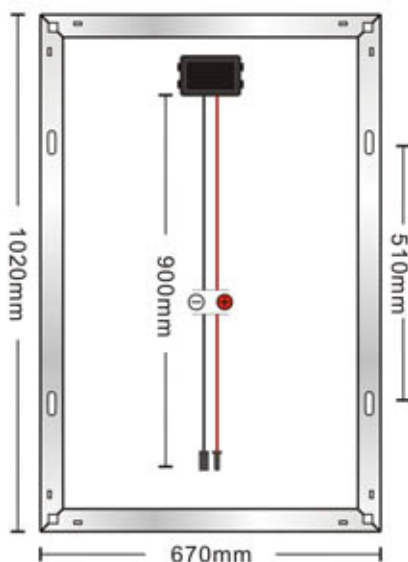
25 year
power output
warranty
M100W

Technical Parameters

Engineering Drawings
▼ (Front Side)



Engineering Drawings
▼ (Back Side)



Electrica Parameters	Model	M100A36
Rated Maximum Power		100Wp
Power Tolerance		0~+5W
cell efficiency		17.6%
Maximum Power Voltage (Vmp)		18.25V
Maximum Power Current(Imp)		5.48A
Open Circuit Voltage(Voc)		21.98V
Short Circuit Current(Isc)		6.45A
Mechanical Parameters		
Dimensions		1020*670*30mm
weight		7.5Kg
Cell Technology		Mono-Si 156*104mm/4*9
Glass		3.2mm Tempered Glass
encapsulation		EVA
Backplane		Multilayer Composite
Aluminum-frame		Silvery Anodized Aluminium Alloy
Junction-box		IP65/IP67
Cable		2.5mm ² ,900mm
Connector		MC4 and Mc4 Compatible
Performance Parameters		
Maximum System Voltage		DC 700V
Maximum Series Fuse Rating		10A
Operating Temperature		-45~+80°C
Temperature Coefficient of Isc		+0.06%
Temperature Coefficient of Voc		-0.32%
Temperature Coefficient of Pmp		-0.45%
Maximum Load(Wind/Snow)		2400Pa/5400Pa
Applications Class		Class A
Package Parameters		
Package Configuration		2pcs/CTN
Package Dimensions		1035*685*75mm
Package Gross weight		16.5Kg

STC:irradiance 1000W/m², Cell Temperature 25°C, Spectrum AM:1.5

10-years 90% of Min. rated output power, and 25-years 80% of Min. rated output power warranty

