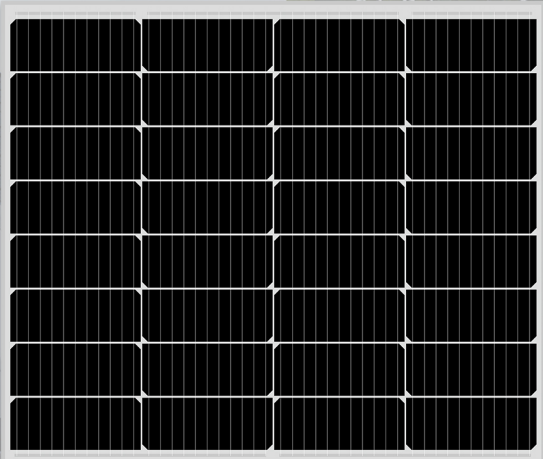


MONOCRYSTALLINE 100W

High Conversion Efficiency
Power Tolerance 0~+5W
Outstanding Performance in Low-Light Irradiance Environments



Specifications

Model Type	PW-100M
Peak Power(Pmax)	100W
Maximum Power Voltage(Vmp)	18.56V
Maximum Power Current(Imp)	5.38A
Open Circuit Voltage(Voc)	22.27V
Short Circuit Current(Isc)	5.69A
Module Efficiency(%)	19.98%
Maximum System Voltage(V)	1000V
Maximum Series Fuse Rating(A)	15A
Power Tolerance	±5W
Operating Temperature (°C)	-45~+80
Standard Test Condition(STC)	1000W/m²; AM 1.5;25 ±2°C

Mechanical Characteristics

Cell Type	Mono182*72.8mm
NO. of Cells	4x8=32
Dimensions	770x650x25mm
Weight	5.5Kg
Front Glass	3.2mm tempered glass
Frame	Silvery/Black Anodized aluminium alloy
Junction Box	IP65/IP67
Cables	Photovoltaic Technology Cable 4.0mm²,900mm(Customized Available)
Package Configurations	4pcs/carton

Temperature Ratings(STC)

Temperature Coefficients of Isc	+0.06%
Temperature Coefficients of Voc	-0.32%
Temperature Coefficients of Pmax	-0.45%

Mechanical Loading

Front Side Maximum Static Loading	5400PA
Back Side Maximum Static Loading	2400PA
Application Grade	Class A

LINEAR PERFORMANCE WARRANTY
12 Year Product Warranty 30 Year Linear Power Warranty

