



175 Watt

AS175M10-72

182mm 72Cells PV Module

Electrical Characteristics

Module Type	AS175M10-72
	STC
Maximum Power- Pmax(W)	175
Open Circuit Voltage - Voc(V)	23.79
Short- Circuit Current - Isc(A)	9
Voltage at Pmax -Vmp(V)	20.5
Current at Pmax - Imp(A)	8.54
Module Efficiency -ηm(%)	19.26
Power Tolerance(W)	0 ~ +3%
Maximum System Voltage(V)	1000Vdc (IEC / UL)
Maximum Series Fuse Rating (A)	10A

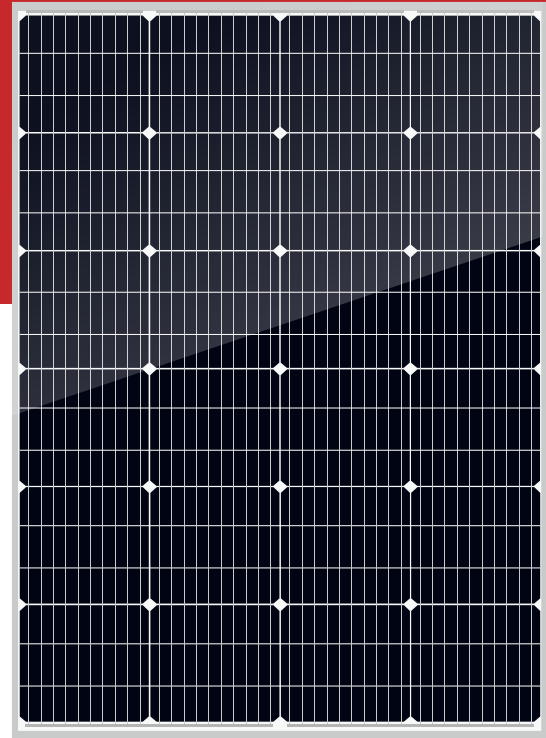
STC : Irradiance 1000W/m², Cell Temperature 25°C, AM 1.5

Mechanical Specifications

External Dimensions	1180*770*30mm
Weight	9.54kg
Solar Cells	Mono crystalline 182X60.66mm (4X18pcs)
Front Glass	3.2 mm tempered glass
Frame	Aluminum
Junction Box	IP67
Output Cables	2.5mm ² cable 50cm
Connector	MC4 Compatible
Mechanical Load	Front Side Max. 5400Pa, Rear Side Max. 2400Pa

Temperature Characteristics

Pmax Temperature Coefficient	-0.400%/C
Voc Temperature Coefficient	-0.330%/C
Isc Temperature Coefficient	+0.048%/C
Operating Temperature	-40~+85 C
Nominal Operating Cell Temperature(NOCT)	45±2 C



Packing Configuration

Module Type	AS175M10-72
Dimensions	1180*770*30mm
20FT	9Package/668PCS
40HQ	18Package/1656PCS

