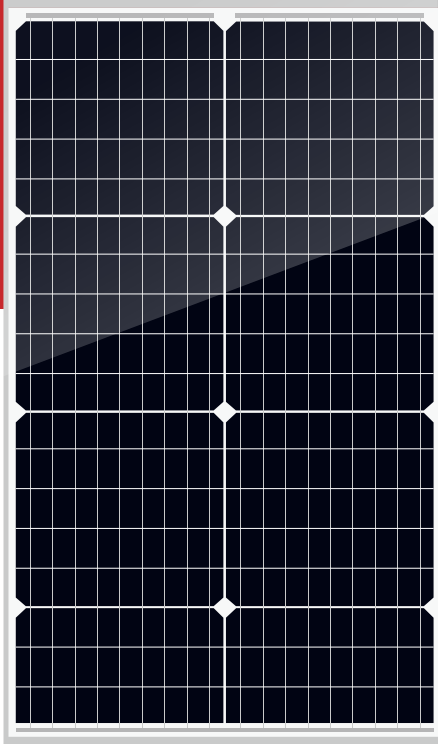




45 Watt

AS45M6-36

166mm 36Cells PV Module



Electrical Characteristics

Module Type	AS45M6-36
	STC
Maximum Power- Pmax(W)	45
Open Circuit Voltage - Voc(V)	23.91
Short- Circuit Current - Isc(A)	2.3
Voltage at Pmax -Vmp(V)	20.72
Current at Pmax - Imp(A)	2.18
Module Efficiency -ηm(%)	18.13
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

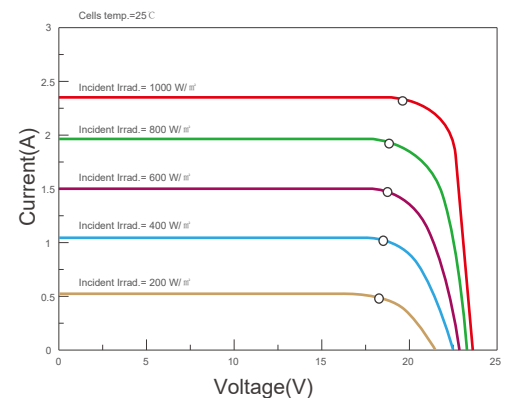
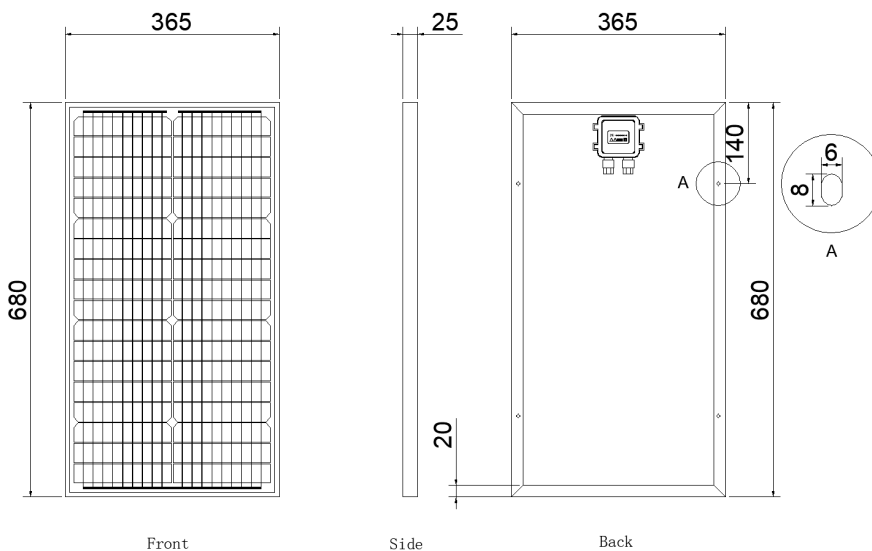
External Dimensions	680*365*25mm
Weight	2.6kg
Solar Cells	Mono crystalline 166X33.2mm (2X18pcs)
Front Glass	3.2 mm high transmission, low iron, tempered glass
Frame	Anodized Aluminum Alloy
Junction Box	IP67
Output Cables	Without cables and connector
Mechanical Load	Front Side Max. 5400Pa, Rear Side Max. 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	AS45M6-36
Module Dimensions	680*365*25mm
20FT	8Package/3360PCS
40HQ	18Package/8160PCS



Specs are subject to change without further notification