



Electrical Characteristics

Module Type	AS300G12-60
	STC
Maximum Power- Pmax(W)	300
Open Circuit Voltage - Voc(V)	41.1
Short- Circuit Current - Isc(A)	9.08
Voltage at Pmax -Vmp(V)	34.98
Current at Pmax - Imp(A)	8.58
Module Efficiency -ηm(%)	20.66
Power Tolerance(W)	0 ~ +3%
Maximum System Voltage(V)	1000Vdc (IEC / UL)
Maximum Series Fuse Rating (A)	15A

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

Mechanical Specifications

External Dimensions	1650*880*35mm
Weight	15.44kg
Solar Cells	Mono crystalline 210X105mm (4X15pcs)
Front Glass	3.2 mm tempered glass
Frame	Anodized Aluminum Alloy
Junction Box	IP67
Output Cables	4mm ² cable 90cm
Connector	MC4 Compatible
Mechanical Load	Front Side Max. 5400Pa, Rear Side Max. 2400Pa

Temperature Characteristics

Pmax Temperature Coefficient	-0.400%/ °C
Voc Temperature Coefficient	-0.290%/ °C
Isc Temperature Coefficient	+0.048%/ °C
Operating Temperature	-40~+85 °C
Nominal Operating Cell Temperature(NOCT)	45±2 °C

Packing Configuration

Module Type	AS300G12-60
Dimensions	1650*880*35mm
20FT	360PCS
40HQ	952PCS

