

MONOCRYSTALLINE MODULE

SAWI280M(60) 280W MODULE
 SAWI285M(60) 285W MODULE
 SAWI290M(60) 290W MODULE
 SAWI295M(60) 295W MODULE
 SAWI300M(60) 300W MODULE
 SAWI305M(60) 305W MODULE



High conversion efficiency
 High module efficiency to guarantee power output.



Self-cleaning glass
 Coating glass for self-cleaning, reduce surface dust.



Outstanding low irradiation performance
 Excellent module efficiency even in the weak light conditions, such as morning or cloudy.



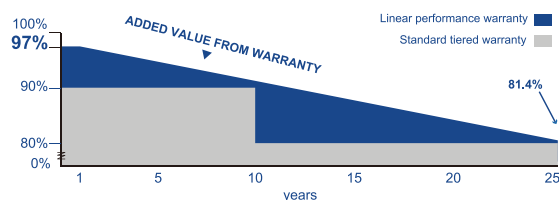
Excellent loading capability
 2400Pa wind loads, 5400Pa snow loads.



0 to +5W positive tolerance
 Detailed information in Electrical Specifications.



48-hour response service



25-year performance warranty



10-year warranty on materials and workmanship

ELECTRICAL DATA

Model Type	SAWI280M(60)	SAWI285M(60)	SAWI290M(60)	SAWI295M(60)	SAWI300M(60)	SAWI305M(60)
Peak Power (Pmax)	280W	285W	290W	295W	300W	305W
Module Efficiency	17.11%	17.41%	17.72%	18.02	18.33%	18.63%
Maximum Power Voltage (Vmp)	31.60V	31.70V	31.80V	%	32.26V	32.46V
Maximum Power Current (Imp)	8.86A	8.99A	9.12A	32.03V	9.30A	9.40A
Open Circuit Voltage (Voc)	39.05V	39.25V	39.46V	9.21A	39.85V	40.05V
Short Circuit Current (Isc)	9.38A	9.46A	9.57A	39.64V	9.75A	9.85A
Power Tolerance				0 to +5W	9.66A	
Maximum System Voltage				1000V		
Nominal Operating Cell				44.4±2°C		
Temperature Maximum Series Fuse				15A		
Rating						

MECHANICAL DATA

Cell Type	156x156mm
Number of Cells	60 (10x6)
Weight	18.2kg
Dimension	1650x991x35mm
Max Load	5400 Pascals
Junction Box	IP67 rated MC4
Connector	Compatible PV
Wire Type	Wire

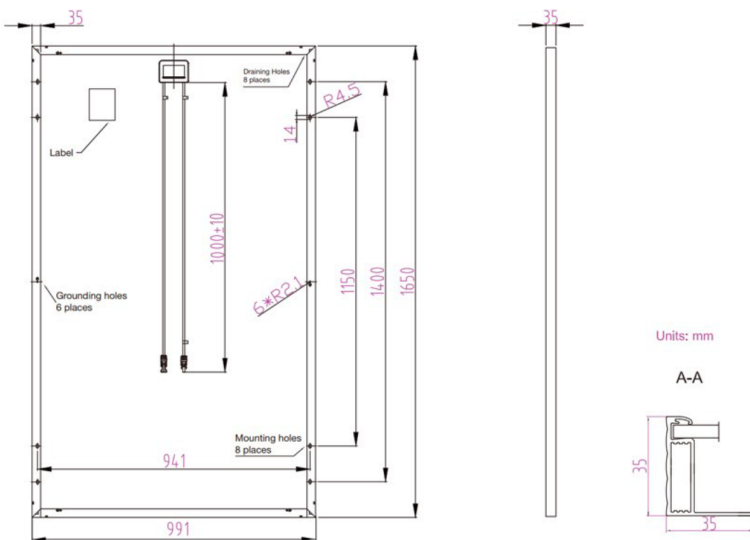
TEMPERATURE CHARACTERISTICS

Temp. Coeff. of Isc (TK Isc)	0.04% /°C
Temp. Coeff. of Voc (TK Voc)	-0.34% /°C
Temp. Coeff. of Pmax (TK Pmax)	-0.44% /°C

PACKING MANER

Container	20' GP	40' GP
Pieces per Pallet	30	30
Pieces per Container	392	840

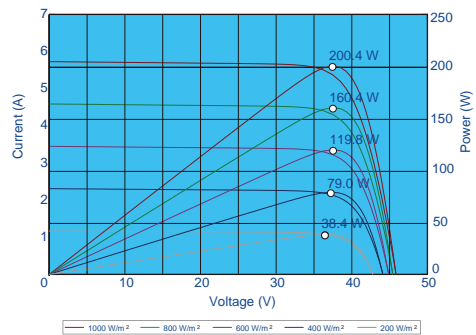
PHYSICAL CHARACTERISTICS



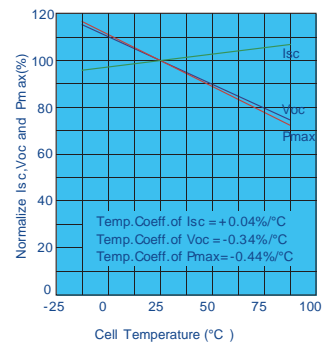
Note: the specifications are obtained under the Standard Test Conditions (STCs): 1000W/m² solar irradiance, 1.5 Air Mass, and cell temperature of 25°C. The NOCT is obtained under the Test Conditions: 800W/m², 20°C ambient temperature, 1m/s wind speed, AM 1.5 spectrum. Please contact support@jusolar.com for technical support. The actual transactions will be subject to the contracts. This parameters is for reference only and it is not a part of the contracts. The specifications are subject to change without prior notice.

ELECTRICAL CHARACTERISTICS

Current-Voltage & Power-Voltage Curve (AM1.5, Cell Temperature 25°C)



Temperature Dependence of Isc, Voc and Pmax



Irradiance Dependence of Isc, Voc and Pmax (Cell Temperature: 25°C)

