

For a Free Quote:

Web: **EnergyPal.com/solar**

Call: **1-800-990-3725**

Email: **contact@energypal.com**

EnergyPal

Solar Panel Guide Specification Data Sheet

**Solair World International Pte Ltd
Mono-340W - 360W
SAWI355M**

Also available on the web at
EnergyPal.com/solair-world-international-pte-ltd-solar-panels/sawi355m

MONOCRYSTALLINE MODULE

SAWI340M(72) 340W
SAWI345M(72) 345W
SAWI350M(72) 350W
SAWI355M(72) 355W
SAWI360M(72) 360W



High conversion efficiency
High module efficiency to guarantee power output.



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



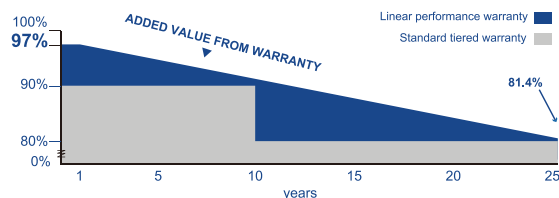
Self-cleaning glass
Coating glass for self-cleaning, reduce surface dust.



48-hour response service



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.



25-year performance warranty



10-year warranty on materials and workmanship

ELECTRICAL DATA

Model Type	SAWI340M(72)	SAWI345M(72)	SAWI350M(72)	SAWI355M(72)	SAWI360M(72)
Peak Power (Pmax)	340W	345W	350W	355W	360W
Module Efficiency	17.45%	17.70%	17.96%	18.21%	18.6%
Maximum Power Voltage (Vmp)	39.21V	39.4V	39.5V	39.7V	39.81V
Maximum Power Current (Imp)	8.68A	8.76A	8.86A	8.94A	9.05A
Open Circuit Voltage (Voc)	47.2V	47.7V	47.9V	48.1V	47.5V
Short Circuit Current (Isc)	9.11A	9.15A	9.23A	9.28A	9.51A
Power Tolerance			0 to +5W		
Maximum System Voltage			1000V		
Nominal Operating Cell			44.4±2°C		
Temperature Maximum Series Fuse Rating			15A		

MECHANICAL DATA

Cell Type	156x156mm
Number of Cells	72 (12x6)
Weight	22kg
Dimension	1956x992x40mm
Max Load	5400 Pascals
Junction Box	IP67 rated
Connector	MC4
Wire Type	Compatible PV Wire

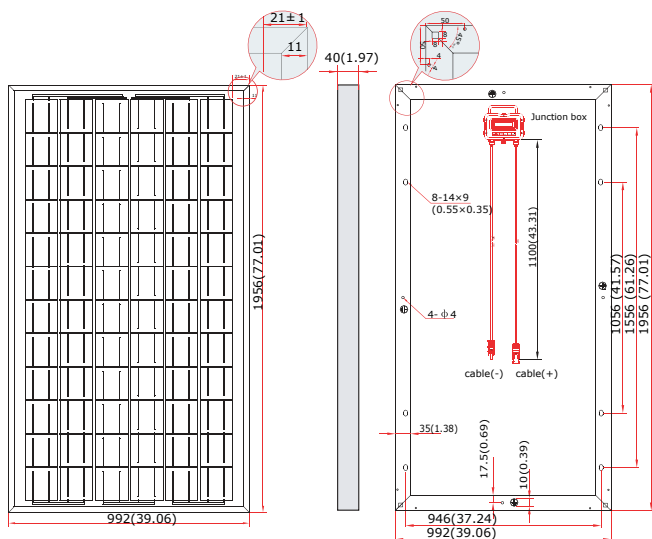
TEMPERATURE CHARACTERISTICS

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 MANNER

Container	20' GP	40' GP
Pieces per Pallet	26	26
Pieces per Container	312	624

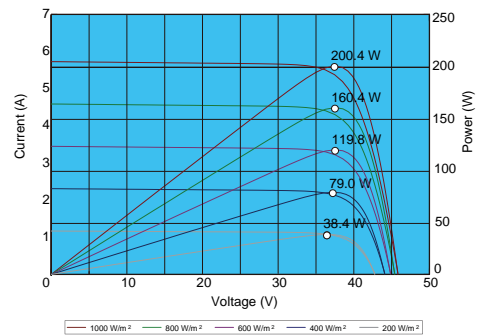
PHYSICAL CHARACTERISTICS



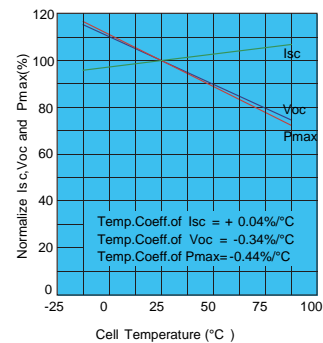
Note: the specifications are obtained under the Standard Test Conditions (STCs): 1000W/m² solar irradiance, 1.5 Air Mass, and cell temperature of 25°C. The NOCT is obtained under the Test Conditions: 800W/m², 20°C ambient temperature, 1m/s wind speed, AM 1.5 spectrum. Please contact support@jusolar.com 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)

