

eArc

SMD375M-6X12UW

375 Watt

72 Cell Monocrystalline Module



Ultra-light: Through replacement of the glass and optimization of the frame eArc weighs as 70% less than conventional PV panels.



Flexible: eArc combines a unique, patented material with other industry-leading technologies to produce superior flexible crystalline-silicon panel which can be installed on curved surface.



Transportation: eArc's innovative frame and low weight will very significantly reduce the cost of transportation.



Easy Installation: eArc can reduce installation cost by up to 50% through the use of re-engineered components, ease of handling and faster installation.



Aesthetics: Aesthetically pleasing design with patented materials and sophisticated manufacturing process results in a highefficiency, attractive panel, with no light pollution, PID-free operation and high levels of safety.



Deployment: Ultra-light weight, flexibility and customizable size make eArc the best choice to change the way how solar is deployed in the market and bring added value to special applications.



Durability: eArc panels are certified to withstand maximum test load (2400 Pascal), while special materials and stringent quality control ensure panel longevity.

POWER OUTPUT RANGE 370~375 W

POWER TOLERANCE 0-5 W

10 Year Product Warranty

25 Year Linear Power Warranty



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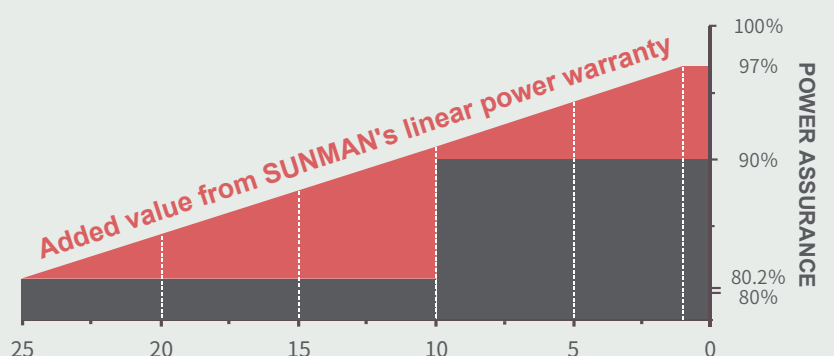


ULTRA-LIGHT & FLEXIBLE SOLAR PANEL

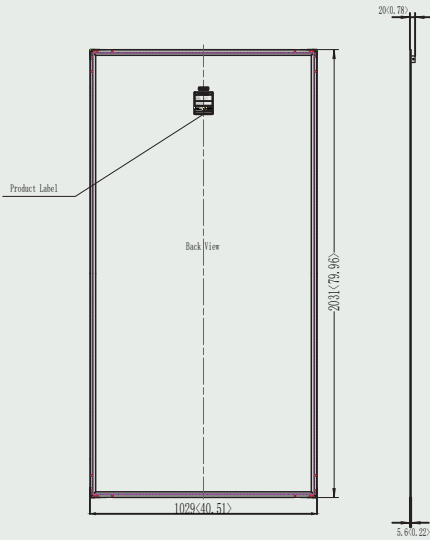
LINEAR PERFORMANCE WARRANTY

CAUTION: Read installation manual before using the product.

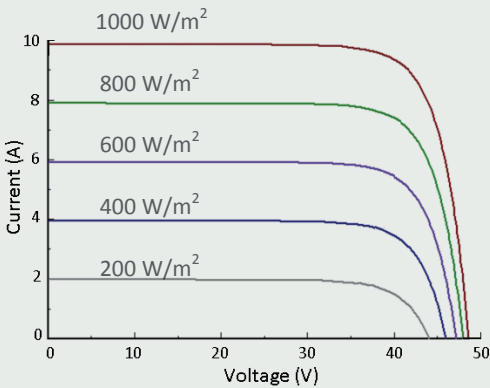
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DIMENSIONS



I-V CURVE (375)



TEMPERATURE CHARACTERISTICS

Nominal Module Operating Temperature(NMOT)	41±2 °C
Temperature Coefficient of P_{max}	-0.38 %/°C
Temperature Coefficient of V_{oc}	-0.28 %/°C
Temperature Coefficient of I_{sc}	0.020 %/°C

Dealer information

SMDUW/IEC EN 2020A

ELECTRICAL CHARACTERISTICS

STC	SMD375M-6X12UW	SMD370M-6X12UW
Maximum Power (P_{max})	375	370
Maximum Power Voltage (V_{mp})	40.2	39.9
Maximum Power Current (I_{mp})	9.33	9.28
Open-circuit Voltage (V_{oc})	48.6	48.4
Short-circuit Current (I_{sc})	9.86	9.81
Module Efficiency (%)	17.9	17.7
Operating Temperature	-40 °C to 85 °C	
Maximum System Voltage	1000 V DC (IEC)	
Maximum Series Fuse Rating	20 A	
Application Class	Class A	
Power Tolerance	0/+5 W	

STC: Irradiance 1000W/m², Cell temperature 25°C, AM=1.5. Tolerances of P_{max} , V_{oc} and I_{sc} are within ±5%

NMOT	SMD375M-6X12UW	SMD370M-6X12UW
Maximum Power (P_{max})	282	278
Maximum Power Voltage (V_{mp})	37.0	36.8
Maximum Power Current (I_{mp})	7.63	7.56
Open-circuit Voltage (V_{oc})	45.3	45.1
Short-circuit Current (I_{sc})	8.07	8.00

NMOT: Irradiance 800W/m², Ambient temperature 20°C, AM=1.5, Wind speed 1 m/s.

MECHANICAL CHARACTERISTICS

Solar Cell	Monocrystalline silicon (6 inches)
No. of Cells	72 (6×12)
Module Dimensions	2031×1029×5.6 mm
Weight	6.9 kgs
Backsheet	White
Frame	Black Anodized Aluminium Alloy
J-box	IP 68 rated
Output Cables	Photovoltaic technology cable 4.0 mm ² , (+)150 / (-)450 mm
Connector	MC4 compatible

PACKAGING CONFIGURATION

	20' GP	40' HC
Module per pallet	50	50
Pieces per container	250	1100