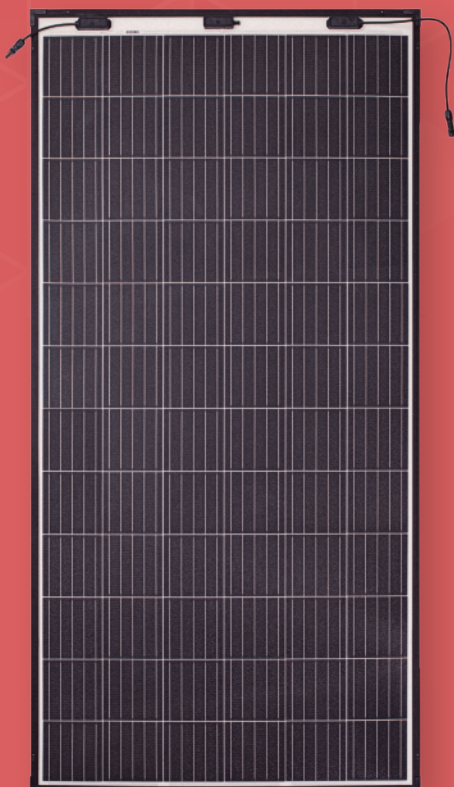


eArc

SMD375M-6X12UW

375 Watt

72 Cell Monocrystalline Module



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



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



Transportable: eArc's thin frame and low weight significantly cuts transportation and freight costs.



Installation-friendly: eArc reduces installation cost by up to 50% through its re-engineered components, ease of handling and shorter installation time.



Aesthetic: Aesthetically designed panel that is PID-free, safe and emits no light pollution.



Deployable: eArc's lightweight, flexibility and customizability changes the way solar is deployed in the market and brings added value to special applications.



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

POWER OUTPUT RANGE 370~375W

POWER TOLERANCE 0-5 W

10 Year Product Warranty

25 Year Linear Power Warranty

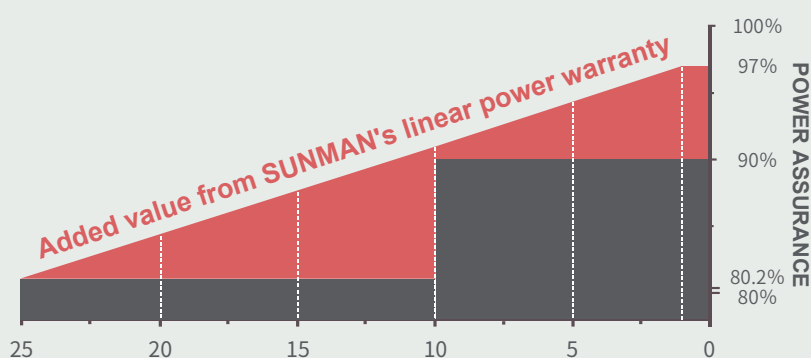


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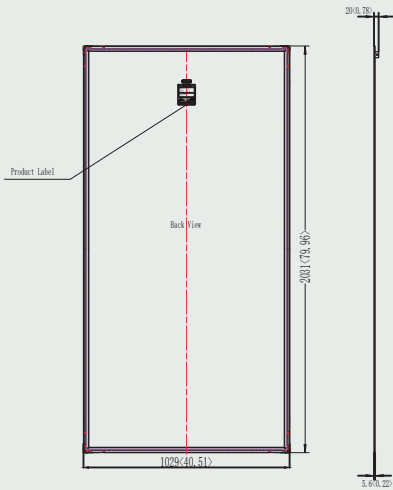
LINEAR PERFORMANCE WARRANTY

CAUTION: Read installation manual before using the product.

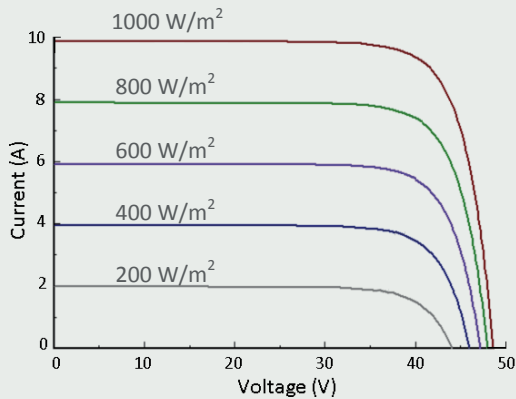
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DIMENSIONS

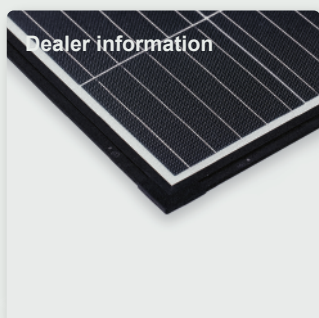


I-V CURVE (375)



TEMPERATURE CHARACTERISTICS

Nominal Module Operating Temperature(NOMT)	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



SMDUW/IEC EN 2020A

ELECTRICAL CHARACTERISTICS

STC	SMD370M-6X12UW	SMD375M-6X12UW
Maximum Power (P _{max})	370	375
Maximum Power Voltage (V _{mp})	39.9	40.2
Maximum Power Current (I _{mp})	9.28	9.33
Open-circuit Voltage (V _{oc})	48.4	48.6
Short-circuit Current (I _{sc})	9.81	9.86
Module Efficiency (%)	17.7	17.9
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/m ² , Cell temperature 25 °C , AM=1.5.		
Tolerances of P _{max} , V _{oc} and I _{sc} are within ±5%		

NMOT	SMD370M-6X12UW	SMD375M-6X12UW
Maximum Power (P_{max})	278	282
Maximum Power Voltage (V_{mp})	36.8	37.0
Maximum Power Current (I_{mp})	7.56	7.63
Open-circuit Voltage (V_{oc})	45.1	45.3
Short-circuit Current (I_{sc})	8.00	8.07
NMOT: Irradiance 800W/m², Ambient temperature 20 °C, AM=1.5, Wind speed 1 m/s.		

MECHANICAL CHARACTERISTICS

Solar Cell	Monocrystalline silicon (158.75mm)
No. of Cells	72 (6×12)
Module Dimensions	2031×1029×5.6 mm
Weight	6.9 kg
Backsheet	White
Frame	Black Anodized Aluminium Alloy
J-box	IP 68 rated
Output Cables	Photovoltaic technology cable 4.0 mm², (+)150 / (-)450 mm
Connector	MC4 compatible

PACKAGING CONFIGURATION

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