

eArc

SMD375M-6X12DW

375 Watt

72 Cell Monocrystalline Module



Ultra-light: Glass free module weighs 6.8 kg, 70% lighter than conventional glass modules.



Fast-Installation: Through "Quick-Bonding" installation, eArc requires no penetration, reduces time on roof by 40% and eliminates the use of mounting hardware.



Aesthetic: Seamless integration with underlying installation surface.



Durable: eArc is the first glassless module to pass the same durability tests as conventional glass modules, including IEC 61215:2016, IEC61730:2016 and UL1703 (USA). eArc has also passed PID, salt mist and ammonia corrosion tests.

POWER OUTPUT RANGE 370~375 W

POWER TOLERANCE 0-5 W

10 Year Product Warranty

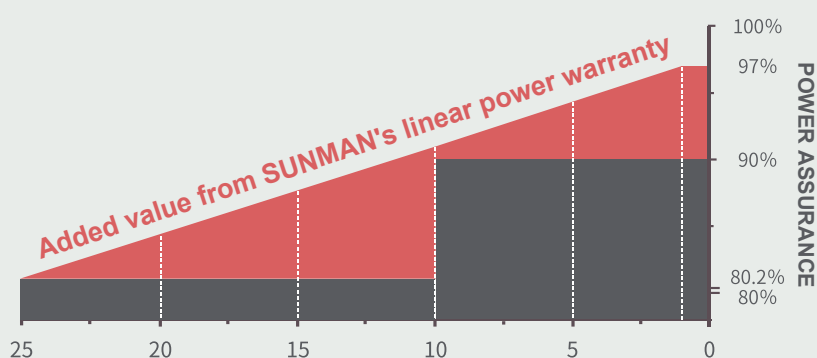
25 Year Linear Power Warranty



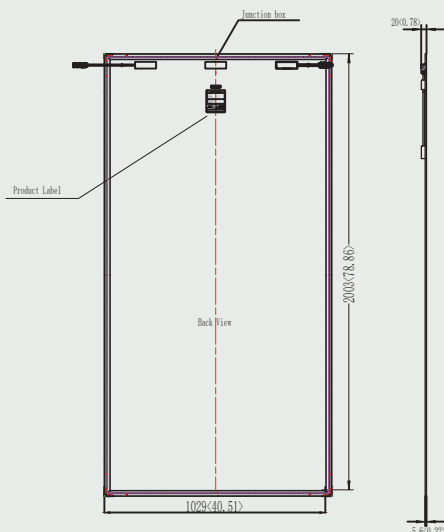
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LINEAR PERFORMANCE WARRANTY

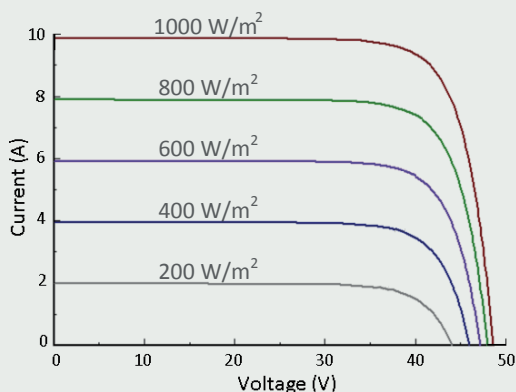
CAUTION: Read installation manual before using the product.
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DIMENSIONS



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**



SMDDW/IEC EN 2020B

ELECTRICAL CHARACTERISTICS

STC	SMD370M-6X12DW	SMD375M-6X12DW
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 (%)	18.0	18.2
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	SMD370M-6X12DW	SMD375M-6X12DW
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	2003×1029×5.6 mm
Weight	6.8kg
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	30+50	50
Pieces per container	400	1100