

eArc

SMB375M-6X12DW

375 Watt

72 Cell Monocrystalline Module



Ultra-light: Glass free module weighs 9.4 kg, 60% lighter than conventional glass modules.



Fast-Installation: Ease of handling results in shorter time on roof and streamlined safety management.



No Light Pollution: Glass-free design significantly reduces light pollution.



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

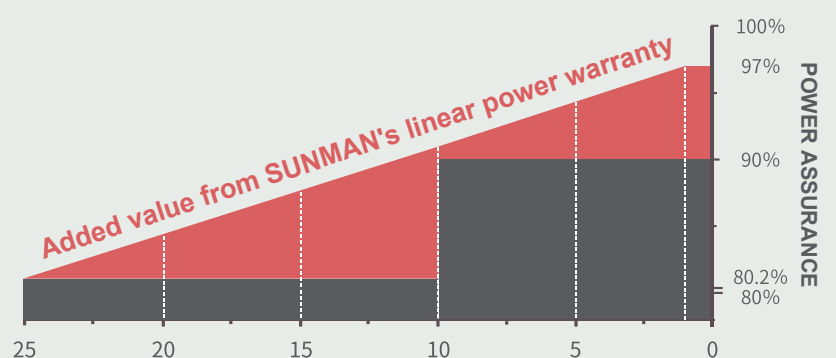


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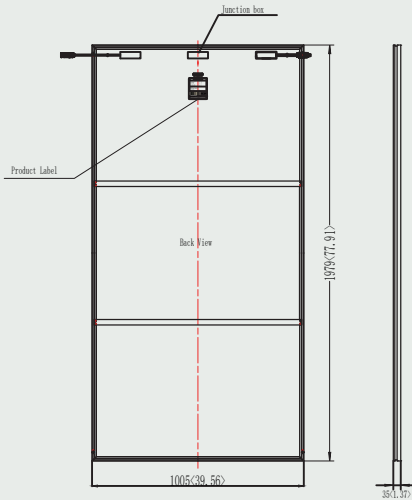
LINEAR PERFORMANCE WARRANTY

CAUTION: Read installation manual before using the product.

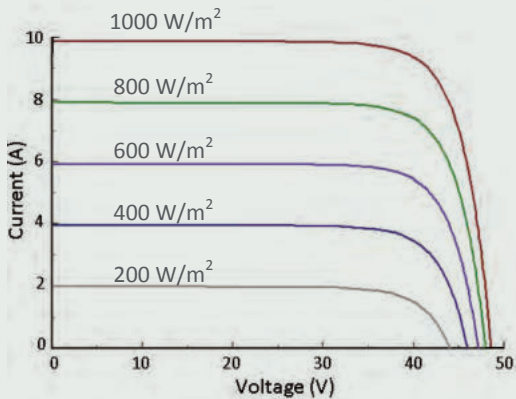
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DIMENSIONS

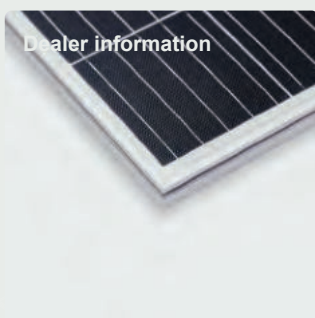


I-V CURVE (375)



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



SMBDW/IEC EN 2020B

ELECTRICAL CHARACTERISTICS

STC	SMB370M-6X12DW	SMB375M-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 (%)	18.6	18.9
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/m², Cell temperature 25°C, AM=1.5. Tolerances of P_{max} , V_{oc} and I_{sc} are within ±5%

NMOT	SMB370M-6X12DW	SMB375M-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	1979×1005×35 mm
Weight	9.4kg
Backsheet	White
Frame	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	30
Pieces per container	180	660