

eArc

SMF375M-6X12DW

375 Watt

72 Cell Monocrystalline Module



Ultra-light: Glass free module weighs 5.7 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

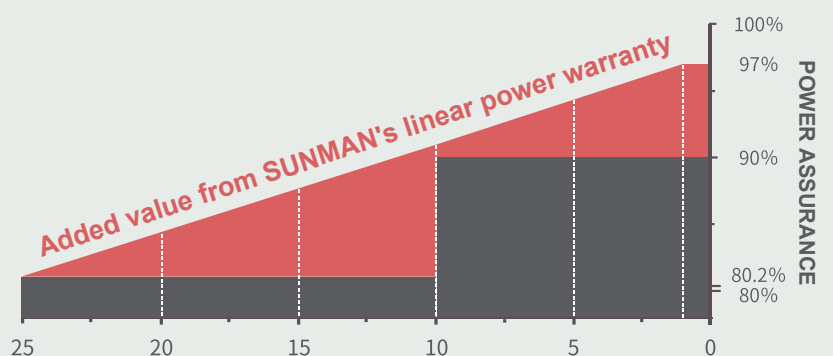
25 Year Linear Power Warranty



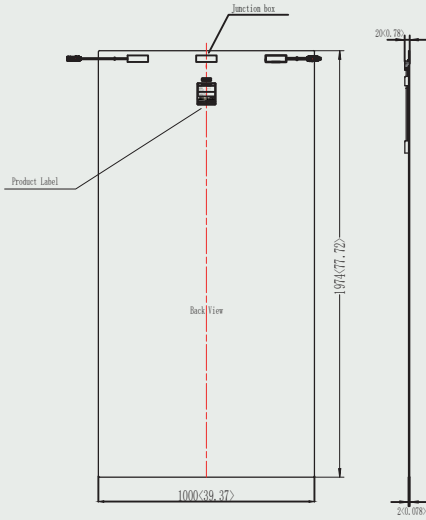
LINEAR PERFORMANCE WARRANTY

CAUTION: Read installation manual before using the product.

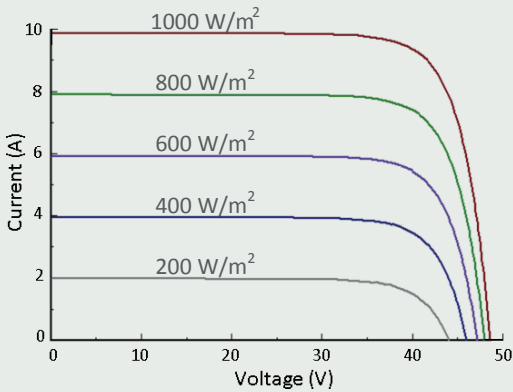
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DIMENSIONS

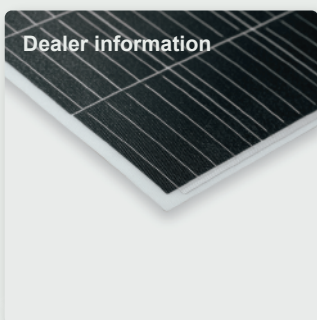


I-V CURVE (375)



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



SMFDW/IEC EN 2020B

ELECTRICAL CHARACTERISTICS

STC	SMF375M-6X12DW
Maximum Power (P _{max})	375
Maximum Power Voltage (V _{mp})	40.2
Maximum Power Current (I _{mp})	9.33
Open-circuit Voltage (V _{oc})	48.6
Short-circuit Current (I _{sc})	9.86
Module Efficiency (%)	19.0
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	SMF375M-6X12DW
Maximum Power (P _{max})	282
Maximum Power Voltage (V _{mp})	37.0
Maximum Power Current (I _{mp})	7.63
Open-circuit Voltage (V _{oc})	45.3
Short-circuit Current (I _{sc})	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	1974×1000×2 mm
Weight	5.7kg
Backsheet	White
Frame	Frameless
J-box	IP 68 rated
Output Cables	Photovoltaic technology cable 4.0 mm 2, (+)150 / (-)450 mm
Connector	MC4 compatible