

12 v Boating , Caravan
and Camping Applications

High-efficiency
Customization
Ultra-light
Aesthetics

5
YEAR

Warranty

Electrical Characteristics

STC	SMF175M-4X09U	SMD175M-4X09U	SMA175M-4X09
Maximum Power (P _{max})	175	175	175
Maximum Power Voltage (V _{mp})	19.5	19.5	19.5
Maximum Power Current (I _{mp})	8.98	8.98	8.98
Open-circuit Voltage (V _{oc})	23.9	23.9	23.9
Short-circuit Current (I _{sc})	9.50	9.50	9.50
Module Efficiency (%)	17.3	16.6	17.8
Operating Temperature (°C)	-40 °C to 85 °C		
Maximum System Voltage	600 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.

Mechanical Characteristics

Product	SMF175M-4X09U	SMD175M-4X09U	SMA175M-4X09
Solar Cell	Mono (6 inches)	Mono (6 inches)	Mono (6 inches)
No. of Cells	36 (4×09)	36 (4×09)	36 (4×09)
Module Dimensions	1504×673×2 mm	1531×689×5.6 mm	1479×665×20mm
Weight	3.0 kgs	3.8 kgs	3.9 kgs
Backsheet	White		
J-box	IP 68 rated (each j-box have one bypass diodes)		
Output Cables	Photovoltaic technology cable 4.0 mm ² , (+)150 / (-)450 mm		
Connector	MC4 compatible		



SUNMAN
SOLAR SPECIALIST

eArche applied to caravan market
eArche applied to yacht applications
eArche applied to RV market
eArche applied to train





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CAUTION: Read installation manual before using the product.

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