

12 v Boating , Caravan  
and Camping Applications

High-efficiency  
Customization  
Ultra-light  
Flexible  
Aesthetics

5  
YEAR

Warranty

## Electrical Characteristics

STC	SMF175M-4X09U with eyelets	SMF175M-4X09 without eyelets
Maximum Power (P <sub>max</sub> )	175	175
Maximum Power Voltage (V <sub>mp</sub> )	19.5	19.5
Maximum Power Current (I <sub>mp</sub> )	8.98	8.98
Open-circuit Voltage (V <sub>oc</sub> )	23.9	23.9
Short-circuit Current (I <sub>sc</sub> )	9.50	9.50
Module Efficiency (%)	17.3	17.6
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/m<sup>2</sup>, Cell temperature 25°C, AM=1.5.

## Mechanical Characteristics

Product	SMF175M-4X09U with eyelets	SMF175M-4X09 without eyelets
Solar Cell	Mono (6 inches)	Mono (6 inches)
No. of Cells	36 (4×09)	36 (4×09)
Module Dimensions	1504×673×2 mm	1474×660×2 mm
Weight	3.0 kgs	2.9 kgs
Backsheet	White	
J-box	IP 68 rated (each j-box have one bypass diodes)	
Output Cables	Photovoltaic technology cable 4.0 mm <sup>2</sup> , (+)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**



Facebook



Official Website



WeChat

**CAUTION:** Read installation manual before using the product.

© 2019 Sunman (Hong Kong) Limited. All rights reserved. Specifications included in this datasheet are subject to change without notice.

