

5 YEAR  
Warranty

### Electrical

STC	SMF175M-4X09UW	SMF100F-3X12UW	SMF215F-4X18UW
Maximum Power (P <sub>max</sub> )	175	100	215
Maximum Power Voltage (V <sub>mp</sub> )	19.5	21.2	21.0
Maximum Power Current (I <sub>mp</sub> )	8.98	4.75	10.24
Open-circuit Voltage (V <sub>oc</sub> )	23.9	25.2	24.9
Short-circuit Current (I <sub>sc</sub> )	9.50	5.12	10.72
Module Efficiency (%)	17.3	15.7	19.1
Number of eyelets	6	No	No
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-4X09UW	SMF100F-3X12UW	SMF215F-4X18UW
Solar Cell	Mono (6 inches)	Mono (166mm half )	Mono (166mm half)
No. of Cells	36 (4×09)	36 (3×12)	72 (4×18)
Module Dimensions	1504×673×2 mm	1093×552×2 mm	1610×700×2 mm
Weight	3.0kgs	2.1 kgs	3.8 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		



CAUTION: Read installation manual before using the product.

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