

12 v Boating , Caravan
and Camping Applications

Ultra-light
Flexible
Thin
Aesthetics

5 YEAR
Warranty

Electrical

STC	SMF200J-6X10UW	SMF175M-4X09UW	SMF100F-3X12UW
Maximum Power (P _{max})	200	175	100
Maximum Power Voltage (V _{mp})	34.71	19.5	21.2
Maximum Power Current (I _{mp})	5.93	8.98	4.75
Open-circuit Voltage (V _{oc})	41.64	23.9	25.2
Short-circuit Current (I _{sc})	6.22	9.5	5.12
Module Efficiency (%)	16.84	17.3	15.7
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	SMF200J-6X10UW	SMF175M-4X09UW	SMF100F-3X12UW
Solar Cell	Mono (182mm half)	Mono (156mm)	Mono (166mm half)
No. of Cells	60 (6×10)	36 (4×09)	36 (3×12)
Module Dimensions	1172×1030×2 mm	1504×673×2 mm	1093×552×2 mm
Weight	2.7 kg	3 kg	2.1 kg
Backsheet	White		
Jbox	IP 68 rated		
Output Cables	Photovoltaic technology cable 4.0 mm ² , (+)150 / (-)450 mm		
Connector	MC4 or MC4 compatible		