

**5 YEAR
Warranty**

Electrical

STC	SMF100F-3X12UW
Maximum Power (P _{max})	100
Maximum Power Voltage (V _{mp})	21.2
Maximum Power Current (I _{mp})	4.75
Open-circuit Voltage (V _{oc})	25.2
Short-circuit Current (I _{sc})	5.12
Module Efficiency (%)	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	SMF100F-3X12UW
Solar Cell	Mono (166mm half cell)
No. of Cells	36 (3 × 12)
Module Dimensions	1093x582x2 mm
Weight	2.1 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



CAUTION: Read installation manual before using the product.

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