


SOLESOLAR SM300W

 0/+5 WP POSITIVE TOLERANCE

 ROOFTOP AND OFF-GRID DESIGN

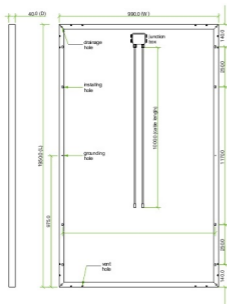
 HIGH QUALITY

25 year linear performance warranty
10 year product warranty



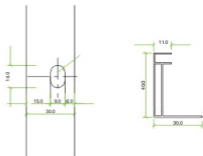
High quality solar panels designed
for rooftop and off-grid applications





General characteristics

Cell	monocrystalline solar cell 156 x 156 mm
No. of Cells (Connections)	72 (6x12)
Panel Dimensions	1950 x 990 x 40 mm
Weight	29.0 kg
Connectors and Cables	Connectors and 1m cables



Thermal conditions

Normal Operating Cell Temperature
800W/m Irradiance, 20°C, AM = 1.5

48°C ± 2°C

Power Temperature Coef. cient

- 0.5%/K

Current Temperature Coef. cient

0.035%/K

Voltage Temperature Coef. cient

- 0.37 MV/K

Limits

Operating Temperature

- 40°C to 85°C

Maximum System Voltage

1000V DC

Electric performance at STC *

Maximum Power

300 Wp

Power Tolerance

0/+5 Wp

Module efficiency

17.46%

Maximum Power Voltage

35.8V

Maximum Power Current

8.38A

Open Circuit Voltage

44.0V

Short Circuit Current

7.05A

*Standard Test Conditions : 1000W/m irradiance, 25°C and AM = 1.5

High performance

25 25 Years
linear performance

10 10 Years
product warranty

