



SOLESOLAR SM100W

+ 0/+5 WP POSITIVE TOLERANCE

🏠 ROOFTOP AND OFF-GRID DESIGN

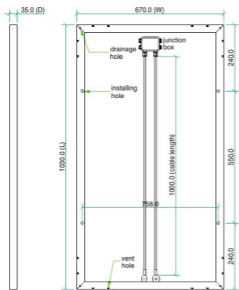
✓ HIGH QUALITY

25 year linear performance warranty
10 year product warranty



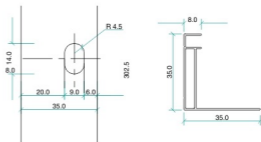
The high voltage solar panels
designed for solar pumping





General characteristics

Cell	monocrystalline solar cell 156 x 104 mm
No. of Cells (Connections)	36 (4 x 9)
Panel Dimensions	1030 x 670 x 30 mm
Weight	72 kg
Connectors and Cables	Connectors and 1m cables



Thermal conditions

Normal Operating Cell Temperature 800W/m ² Irradiance, 20°C, AM = 1.5	48°C ± 2°C
Power Temperature Coefficient	- 0.5%/K
Current Temperature Coefficient	0.035%/K
Voltage Temperature Coefficient	- 0.37 mV/K

Limits

Operating Temperature	- 40 °C to 85 °C
Maximum System Voltage	1000V DC

Electric performance at STC *

Maximum Power	100 Wp
Power Tolerance	0/+5 Wp
Maximum Power Voltage	18 V
Maximum Power Current	5.56 A
Open Circuit Voltage	21.8 V
Short Circuit Current	6.05 A

Standard Test Conditions : 1000W/m² irradiance, 25°C and AM = 1.5

High performance

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linear performance

10 10 Years
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