

200 Watt Polycrystalline Solar Panel

Reliable

- ▶ Sol's SOL-200 is a high-efficiency polycrystalline solar module that provides outstanding performance and cost-effective solar power for high-end off-grid and mobile applications. The module is built to last and features a 20-year limited power output warranty.

Durable

- ▶ To ensure long life, the high-efficiency solar cells are encapsulated between a special tempered, low-iron solar glass and a Tedlar® / polyester backing material. The mounting frame, manufactured from anodized marine-grade aluminum, allows the SOL-200 to be installed in extreme conditions.

FEATURES

- Compact and rugged design
- Plug and play junction box
- Lightweight anodized aluminum frame
- High transmissivity tempered glass
- Industry standard quick-connect cables (MC4) work in series or in parallel
- **20-year limited power output warranty**



SOL-200



Specifications subject to local environmental conditions.
Specifications may be subject to change.
US and International patents apply. Other patents pending.
"Sol" logo is a trademark of Sunna Design

All Sol products are manufactured in facilities certified to ISO quality standards.

200 Watt Polycrystalline Solar Panel

SPECIFICATIONS

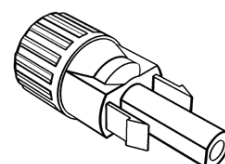
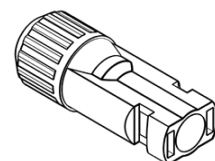
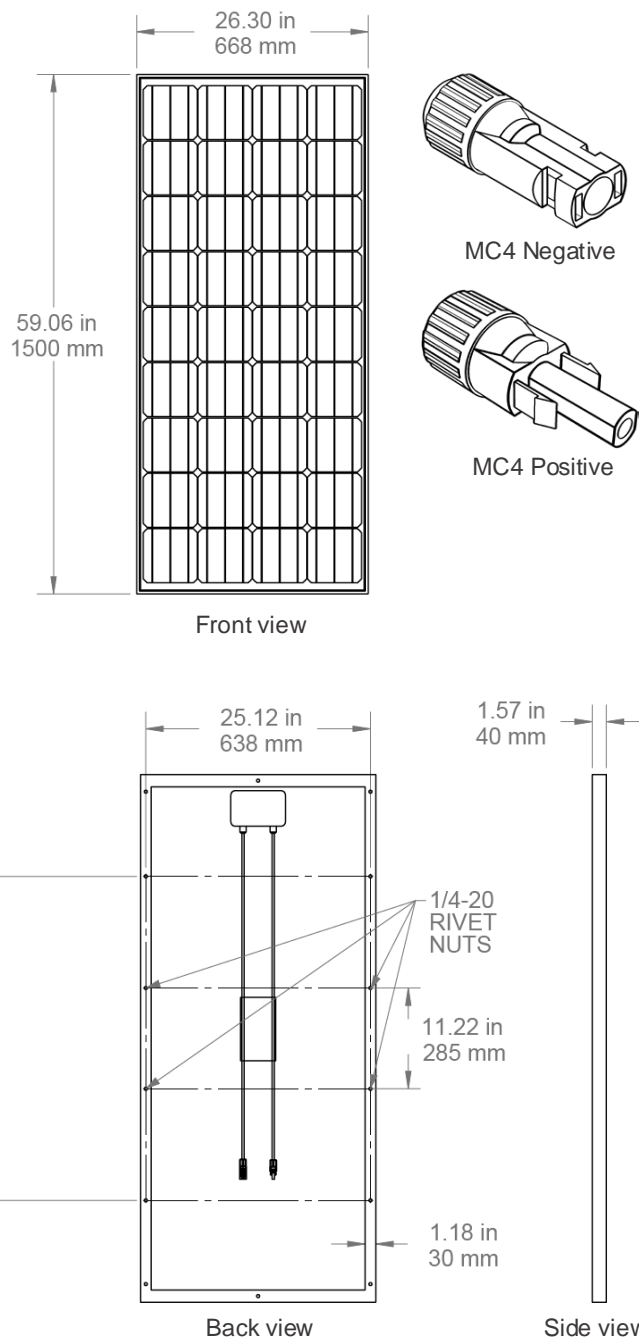
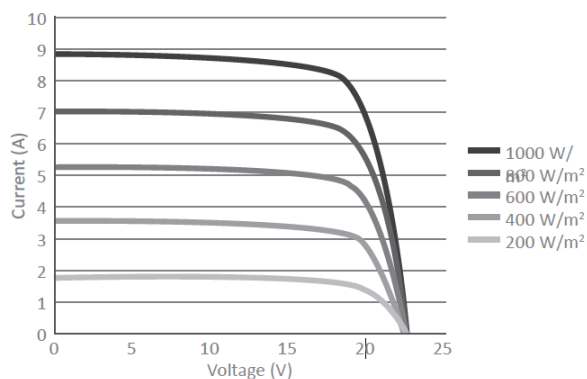
Rated power (Pm)	200W
Maximum power voltage (Vmp)	20.90V
Maximum power current (Imp)	9.57A
Open circuit voltage (Voc)	24.50V
Short circuit current (Isc)	10.05A
Power coefficient	-0.39% / °C
Voltage coefficient	-0.31% / °C
Current coefficient	0.045% / °C
Max power tolerance	+/- 5W
Cell type	Monocrystalline
Module efficiency	21.5%
Series fuse rating	15A
Maximum system voltage	600VDC
Operating temperature	-40°C to 85°C (-40°F to 185°F)
Weight	24.6 lbs (11.6 kg)
Dimensions	59.1 x 26.3 x 1.57 in 1500 x 668 x 40 mm
Frame type / material	Clear anodized aluminum
Certifications	UL 1703

Power specifications calculated at STC

- ▶ Irradiance: 1000 W/m²
- ▶ Cell Temperature: 77°F (25°C)
- ▶ Air Mass: 1.5

IV CURVE PARAMETERS

Dependence on irradiance



All Sol products are manufactured in facilities certified to ISO quality standards. Specifications subject to local environmental conditions. Specifications may be subject to change. US and International patents apply. Other patents pending. "Sol" logo is a trademark of Sunna Design