

170 Watt Polycrystalline Solar Panel

Reliable

- ▶ Sol's CTI-170 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

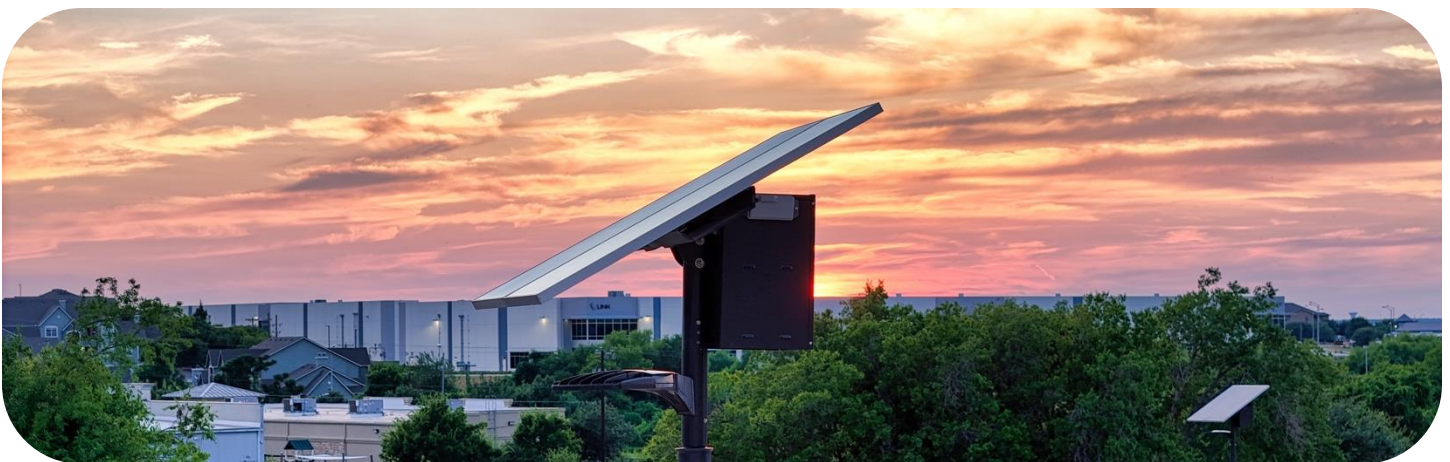
- ▶ To ensure long life, the high-efficiency solar cells are encapsulated between a special tempered, low-iron solar glass and a Tedlar[®] / polyester backing material. The mounting frame, manufactured from anodized marine-grade aluminum, allows the CTI-170 to be installed in extreme conditions.

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**



CTI-170



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.

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SPECIFICATIONS

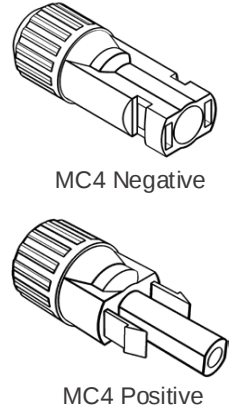
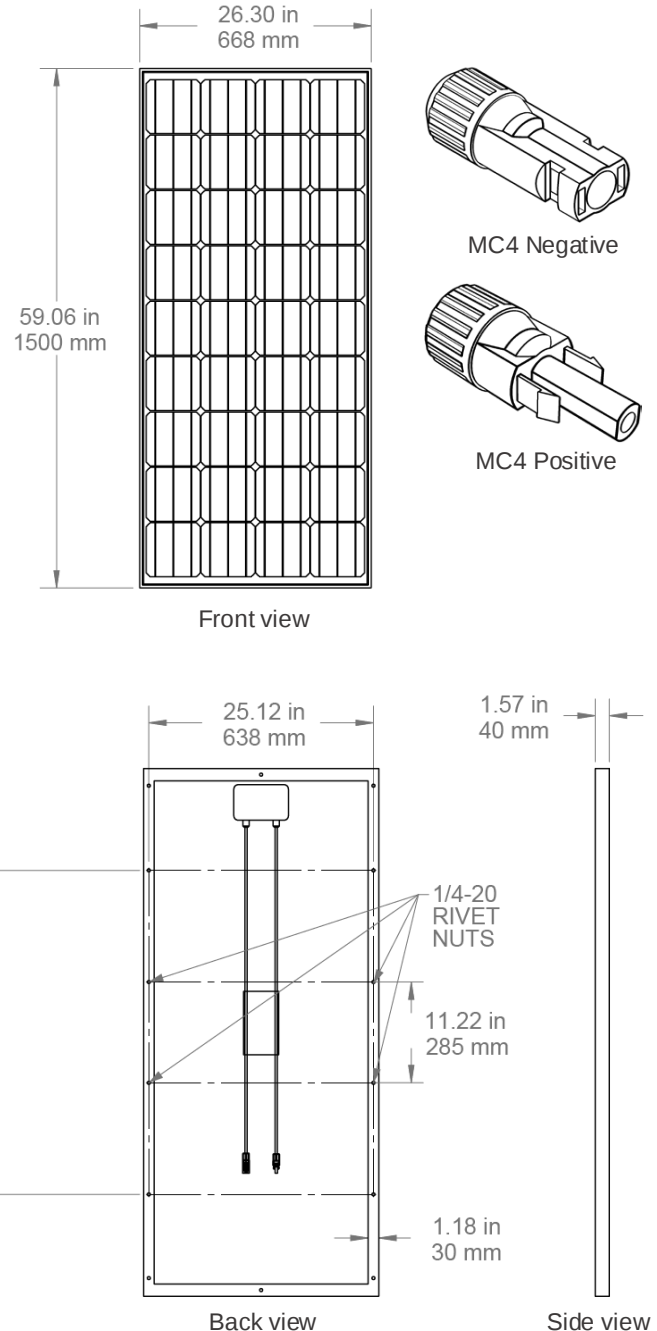
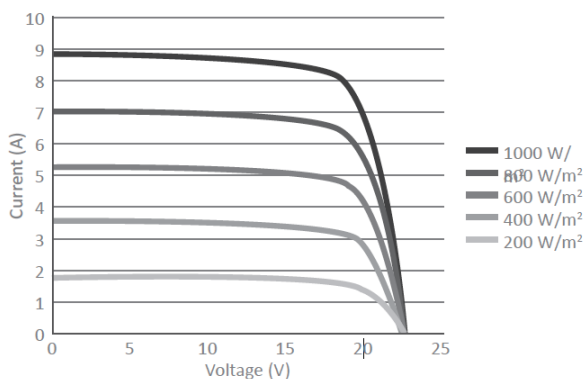
Rated power (Pm)	170W
Maximum power voltage (Vmp)	19.60V
Maximum power current (Imp)	8.77A
Open circuit voltage (Voc)	23.20V
Short circuit current (Isc)	9.35A
Power coefficient	-0.42% / °C
Voltage coefficient	-0.31% / °C
Current coefficient	0.033% / °C
Max power tolerance	+/- 3W
Cell type	Polycrystalline
Module efficiency	17.0%
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



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