

MEGA 200

Portable Solar Panel

200W

Maximum Power Output

66 CELLS

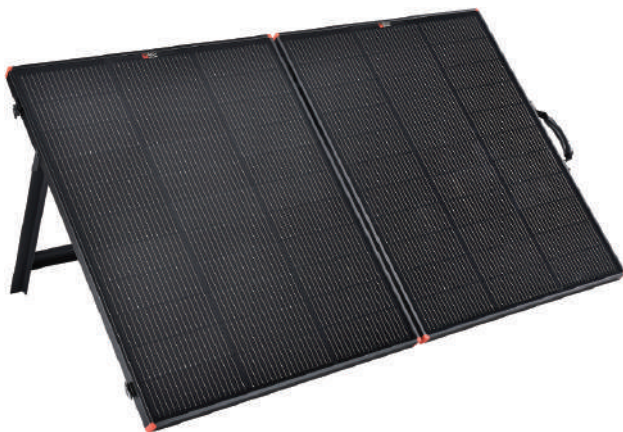
Monocrystalline Module

±5%W

Positive Power Tolerance

23.2%

Maximum Efficiency



FEATURES

-  High efficient 200-watt monocrystalline solar panel
-  Kickstand for better angle placement
-  Corner protection
-  Strong tempered glass and aluminum frame
-  Fully weatherproof
-  Monocrystalline solar cells

INSTALLATION

Easy installation and handling for various applications (high-end off-grid and mobile applications).

Compatible with on-grid and off-grid inverters.

WARRANTY

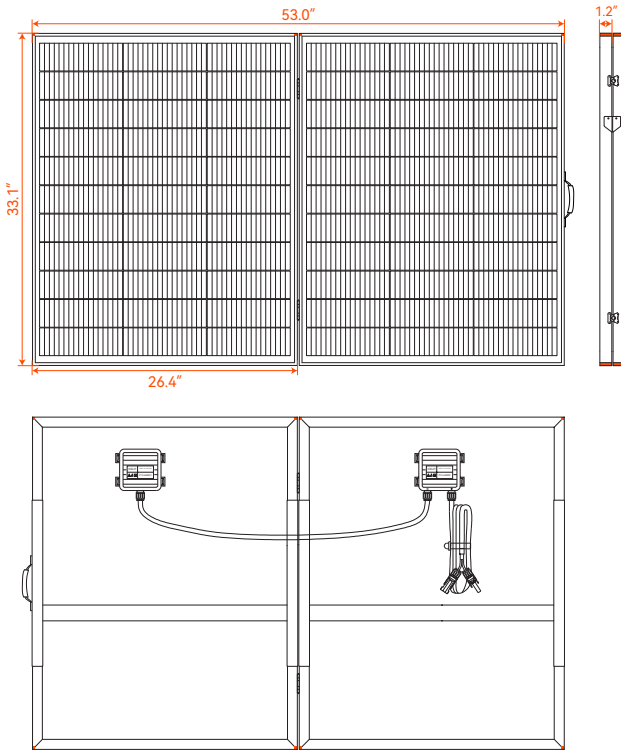
25 years warranty limited output power

* (Please refer to product warranty for details)

ELECTRICAL DATA (STC)

Peak Power Watts-PMAX (Wp)	200 W
Power Output Tolerance-PMAX (W)	±5% W
Maximum Power Voltage-VMPP (V)	18.4 V
Maximum Power Current-IMPP (A)	10.9 A
Open Circuit Voltage-VOC (V)	22.2 V
Short Circuit Current-ISC (A)	11.6 A
Module Efficiency η_m (%)	17.7 %

STC: Irradiance 1000 W/m², Cell Temperature 25 °C, Air Mass AM = 1.5



MECHANICAL DATA

Solar Cells	Monocrystalline 8.3 × 2.8 inches (210 × 70 mm)
Module Dimensions (Unfolded)	53.0 × 33.1 × 1.2 in (1345 × 840 × 30 mm)
Module Dimensions (Folded)	33.1 × 26.4 × 2.4 in (840 × 670 × 60 mm)
Cell Orientation	66 cells (33 × 2)
Weight	26.0 lb
Glass	High Transmission, AR Coated Tempered Glass
Backsheet	Black
Connector	MC4
Frame	Anodized Aluminium Alloy
Junction Box	IP 67
Cables	Photovoltaic Technology Cable 2.5 mm ² (#12 gauge), 59 in (1500 mm) Length

TEMPERATURE RATINGS

Nominal Operating Cell Temperature (NOCT)	45°C (±2°C)
Temperature Coefficient of PMAX	-0.39%/°C
Temperature Coefficient of VOC	-0.29%/°C
Temperature Coefficient of ISC	0.05%/°C

CURVE CHARACTERISTICS

