

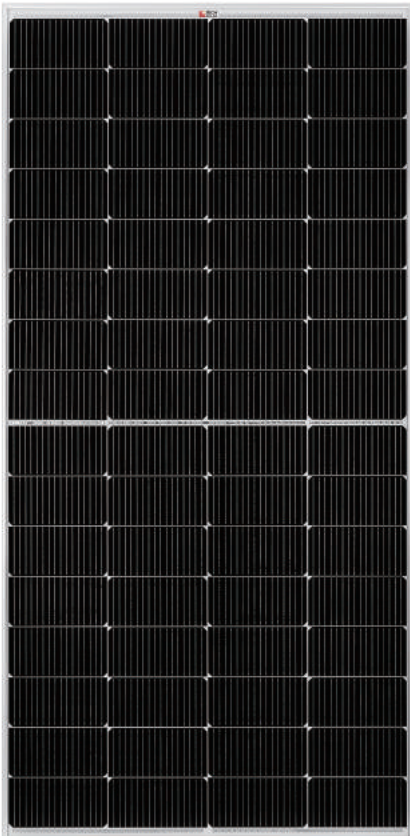
Monocrystalline Solar Panel

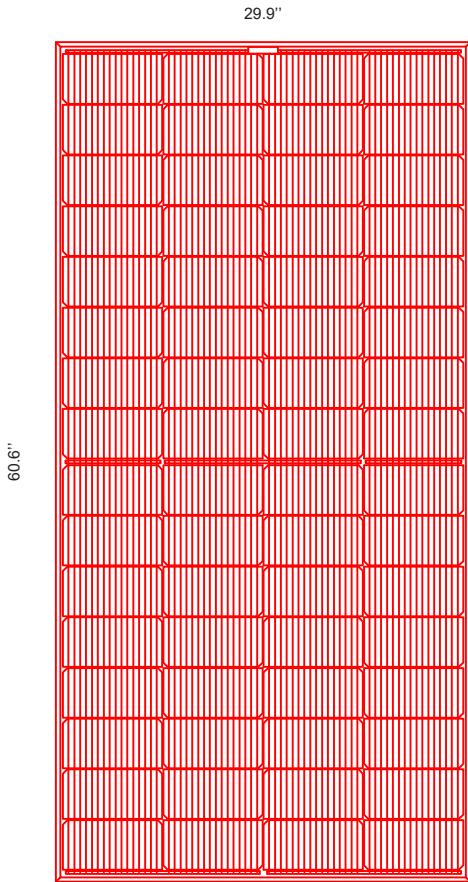
Maximum Power Output

Monocrystalline Module

Positive Power Tolerance

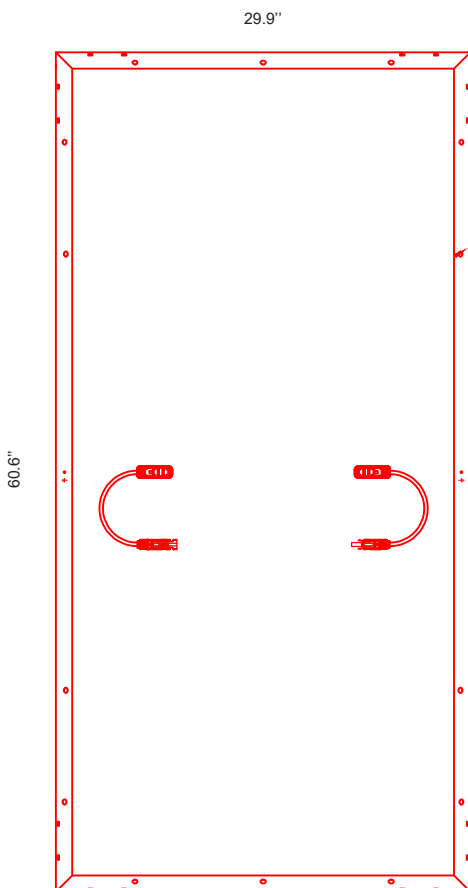
Maximum Efficiency





Peak Power Watts-PMAX (Wp)	250 W
Power Output Tolerance-PMAX (W)	0~+5 W
Maximum Power Voltage-VMPP (V)	18.9 V
Maximum Power Current-IMPP (A)	13.2 A
Open Circuit Voltage-VOC (V)	22.8 V
Short Circuit Current-ISC (A)	13.7 A
Module Efficiency η m (%)	19.5 %
STC: Irradiance 1000 W/m ² , Cell Temperature 25 °C, Air Mass AM = 1.5	

Solar Cells	Monocrystalline 182 × 91 mm (6.5 inches)
Module Dimensions	60.6 × 29.9 × 1.2 inches (1540 × 760 × 30 mm)
Cell Orientation	64 cells (2 × (4 × 8))
Weight	25.8 lb (11.7 kg)
Glass	3.2 mm, High Transmission, AR Coated Tempered Glass
Connector	MC4
Frame	Anodized Aluminium Alloy
Junction Box	IP 65 or IP 67 rated
Cables	Photovoltaic Technology Cable 4.0 mm ² (#12 gauge), 35 inches (900 mm) Length



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

