

## Portable Solar Panel

**Maximum Power Output** 

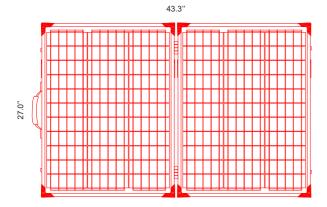
**Monocrystalline Module** 

**Positive Power Tolerance** 

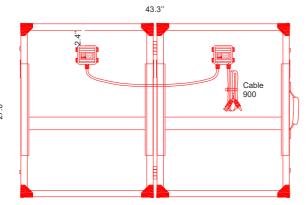
**Maximum Efficiency** 



Peak Power Watts-PMAX (Wp)	100 W
Power Output Tolerance-PMAX (W)	±5% W
Maximum Power Voltage-VMPP (V)	18.4 V
Maximum Power Current-IMPP (A)	5.43 A
Open Circuit Voltage-VOC (V)	22.6 V
Short Circuit Current-ISC (A)	5.72 A
Module Efficiency η m (%)	16.9 %
STC: Irradiance 1000 W/m², Cell Temperature 25 °C, Air N	Mass AM = 1.5



Solar Cells		Monocrystalline 158.75 × 158.75 mm (6 inches)
Module Dime	nsions (Unfolded)	43.3 × 27.0 × 1.4 inches (1100 × 686 × 35 mm)
Module Dime	nsions (Folded)	22.0 × 27.0 × 2.8 inches (558 × 686 × 70 mm)
Cell Orientati	on	36 cells (6 × 6)
Weight		21.5 lb (9.8 kg)
Glass	3.2 mm (0.13 inches	s), High Transmission, AR Coated Tempered Glass
Backsheet		Black
Connector		MC4
Frame		Anodized Aluminium Alloy
Junction Box		IP 65
Cables	Pho	tovoltaic Technology Cable 2.5 mm² (#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

