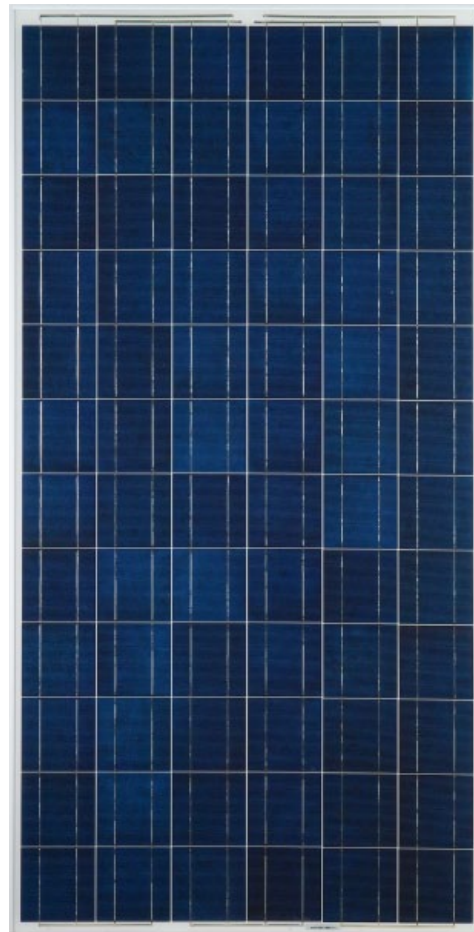


SF 160-24-P

Polycrystalline Cell
125mm x 125mm



Solarfun



Solarfun's photovoltaic modules offer high-powered, reliable performance for solar projects, both on- and off-grid.

The Solarfun Advantage

- 100% of cells are carefully manufactured by Solarfun Power, ensuring excellence at every step of production
- Rugged double-coated aluminum-alloy frame for longevity in adverse conditions
- Every cell is individually inspected and power-matched to ensure consistent performance between the cells in the module array
- Strictly adhering to ISO 9001 quality and ISO 14001 environmental standards

155-160-165-170-175-180-185-190-195 Wattages Available

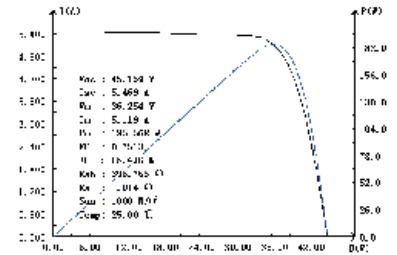


Electrical Characteristics

	P_{max}	155 W	160 W	165 W	170 W	175 W	180W	185 W	190 W	195 W
Maximum Power	P_{max}	155 W	160 W	165 W	170 W	175 W	180W	185 W	190 W	195 W
Open Circuit Voltage	V_{oc}	43.3V	43.5V	43.7V	44.1V	44.5V	44.7V	44.9V	45.0V	45.2V
Short Circuit Current	I_{sc}	4.95A	5.03A	5.14A	5.17A	5.20A	5.23A	5.37A	5.48A	5.55A
Maximum Power Voltage	V_{mp}	35.2V	35.3V	35.5V	35.5V	35.7V	35.8V	35.9V	36.0V	36.2V
Maximum Power Current	I_{mp}	4.40A	4.51A	4.65A	4.78A	4.90A	5.03A	5.16A	5.28A	5.38A
Module Efficiency (%)		12.2	12.5	12.9	13.3	13.7	14.1	14.5	14.9	15.3
Cell Efficiency (%)		13.8	14.3	14.8	15.3	15.8	16.6	16.8	17.0	17.2
Tolerance		+/- 3%								
Temperature Coefficients of (P / V / I)		-0.48%/K / -0.34%/K / +0.05% / K								
Maximum System Voltage (IEC / UL)		1000V / 600V								

Electrical characteristics tested at Standard Test Conditions (STC), defined as: Irradiance of 1000W/m², Spectrum AM 1.5, and Cell temperature of 25±2°C.

IV Curves

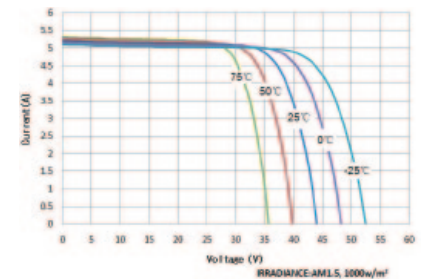


Mechanical Specifications

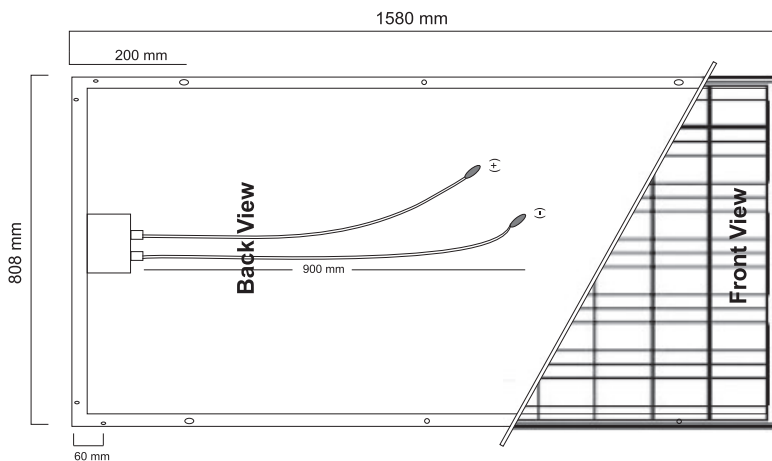
Dimensions	1580 × 808 × 45 mm [62.2 × 31.8 × 1.77 in.]
Weight	15 kg [33 lbs]
Frame	Aluminium-alloy
Packing Configuration	4 pcs per carton
Loading Capacity (40 ft container)	560 pcs

5 year workmanship and 90/10, 80/25 year power warranty.
For full details see the *Solarfun Limited Warranty* available on request.

Various Temperatures



Dimensions



Various Irradiance Levels

