

SF 160-24-M

Monocrystalline 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

150-155-160-165-170-175-180-185 Wattages Available

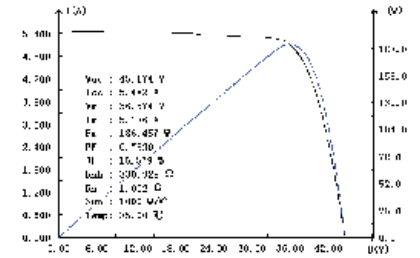


Electrical Characteristics

Maximum Power	P_{max}	150 W	155 W	160 W	165 W	170 W	175 W	180 W	185 W
Open Circuit Voltage	V_{oc}	43.4V	43.5V	43.5V	44.0V	44.5V	44.8V	45.0V	45.3V
Short Circuit Current	I_{sc}	4.88A	4.90A	5.00A	5.10A	5.12A	5.17A	5.20A	5.23A
Maximum Power Voltage	V_{mp}	34.8V	35.4V	35.6V	35.8V	35.9V	36.0V	36.0V	36.1V
Maximum Power Current	I_{mp}	4.31A	4.38A	4.50A	4.61A	4.74A	4.86A	5.00A	5.12A
Module Efficiency (%)		11.8	12.2	12.5	12.9	13.3	13.7	14.1	14.5
Cell Efficiency (%)		14.1	14.5	15.0	15.5	16.1	16.6	17.1	17.5
Tolerance		+/- 3%							
Temperature Coefficients of (P / V / I)		-0.44%/K / -0.33%/K / +0.03% / 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

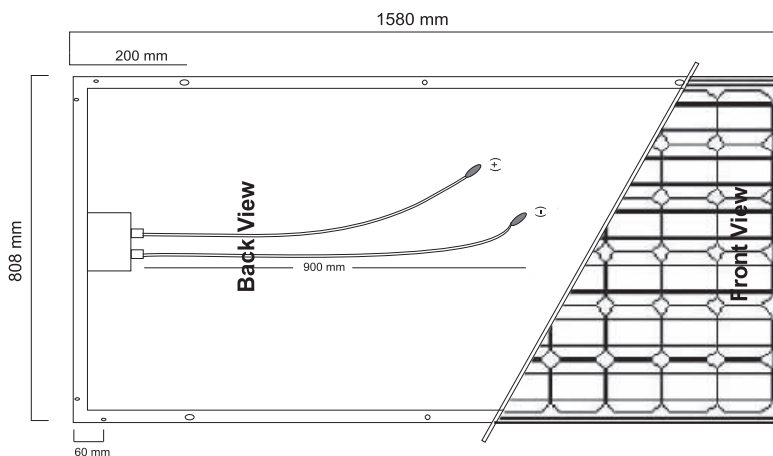


Mechanical Specifications

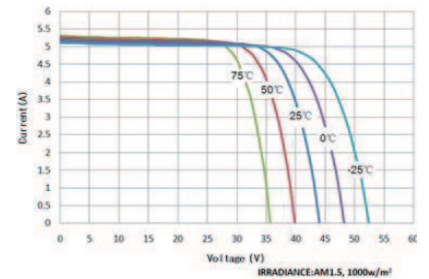
Dimensions	1580 × 808 × 45 mm [62.2 × 31.8 × 1.77 in]
Weight	15 kg [33 lbs]
Frame	Aluminium-alloy
Packing Configuration	4 pcs per carton
Loading Capacity (40 ft container)	560 pcs

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

Dimensions



Various Temperatures



Various Irradiance Levels

