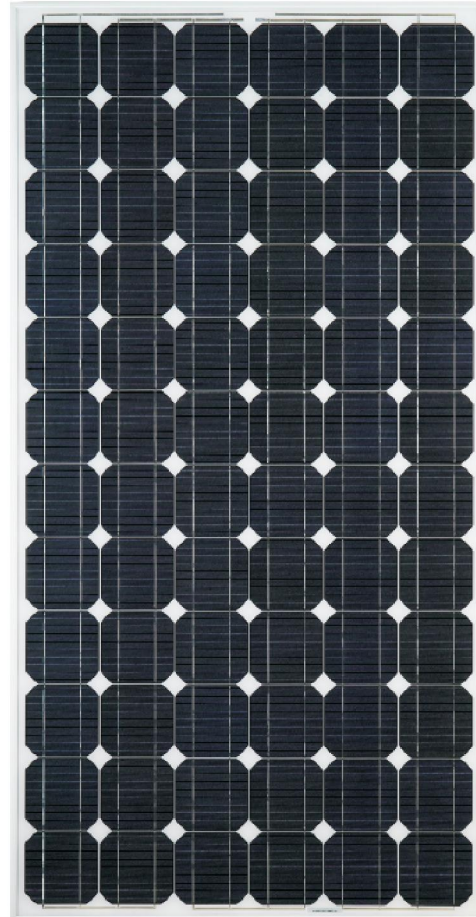


SF 160-24-M

5" Monocrystalline



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

SF 160-24-M



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	14,7
Tolerance		+/- 3%							

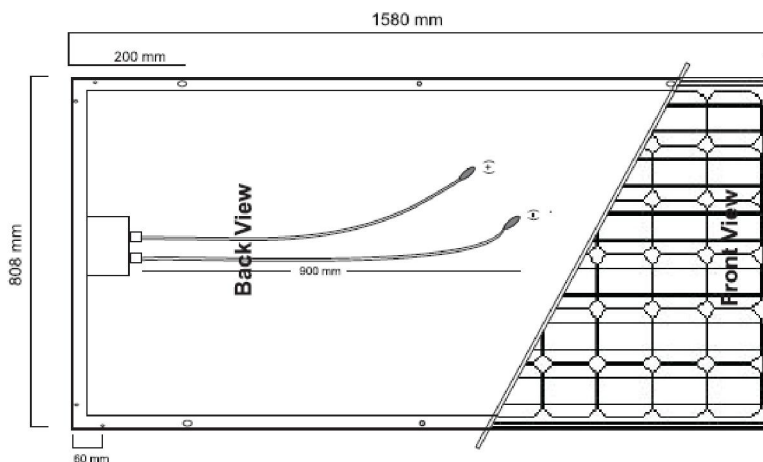
Electrical characteristics at Standard Test Conditions (STC), defined as: Irradiance of 1000W/m², Spectrum AM 1.5, and Cell temperature of 25°C.

Mechanical Specifications

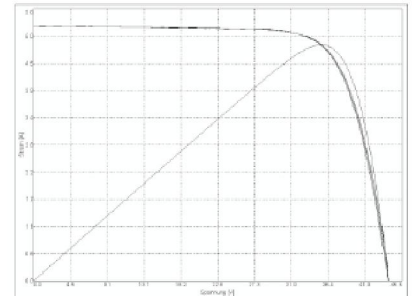
Dimensions	1580 × 808 × 45 mm [62.2 × 31.8 × 1.77 in]
Weight	15 kg [33 lbs]
Frame	Aluminium-alloy
Packing Configuration	4 pcs per carton
Size of Pallet	1.66 × 0.9 × 2.14 m [65.4 × 35.4 × 84.3 in]
Loading Capacity (40 ft container)	560 pcs

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

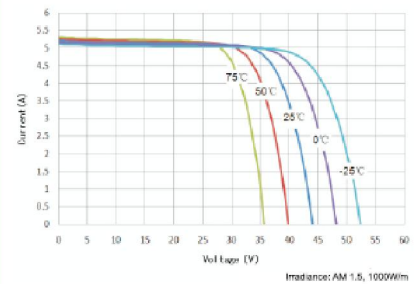
Dimensions



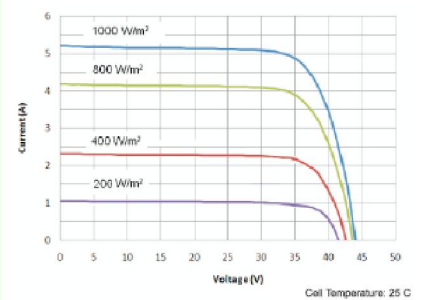
IV Curves



Various Temperatures



Various Irradiance Levels



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Specifications and designs included in this datasheet are subject to change without



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