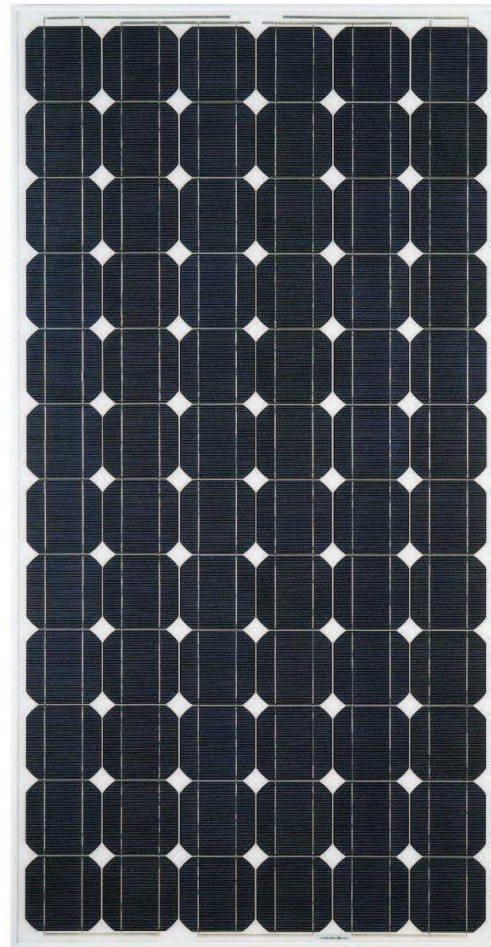


# SF 160-24-M

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

150-155-160-165-170-175-180-185-190 Wattages Available

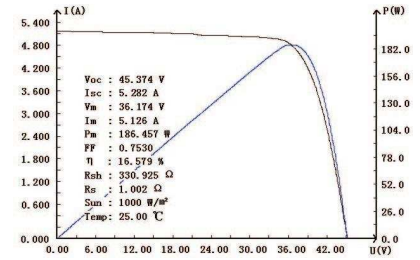


## Electrical Characteristics

Maximum Power	P <sub>max</sub>	150 W	155 W	160 W	165 W	170 W	175 W	180 W	185 W	190 W
Open Circuit Voltage	V <sub>oc</sub>	43.4 V	43.5 V	43.5 V	44.0 V	44.5 V	44.8 V	45.0 V	45.3 V	45.5 V
Short Circuit Current	I <sub>sc</sub>	4.88 A	4.90 A	5.00 A	5.10 A	5.12 A	5.17 A	5.20 A	5.23 A	5.40 A
Maximum Power Voltage	V <sub>mp</sub>	34.8 V	35.4 V	35.6 V	35.8 V	35.9 V	36.0 V	36.0 V	36.1 V	36.6 V
Maximum Power Current	I <sub>mp</sub>	4.31 A	4.38 A	4.50 A	4.61 A	4.74 A	4.86 A	5.00 A	5.12 A	5.19 A
Module Efficiency (%)		11.8	12.2	12.5	12.9	13.3	13.7	14.1	14.5	14.9
Cell Efficiency (%)		14.1	14.5	15.0	15.5	16.1	16.6	17.1	17.5	17.8
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/m<sup>2</sup>, Spectrum AM 1.5, and Cell temperature of 25 ± 2°C.

## IV Curves

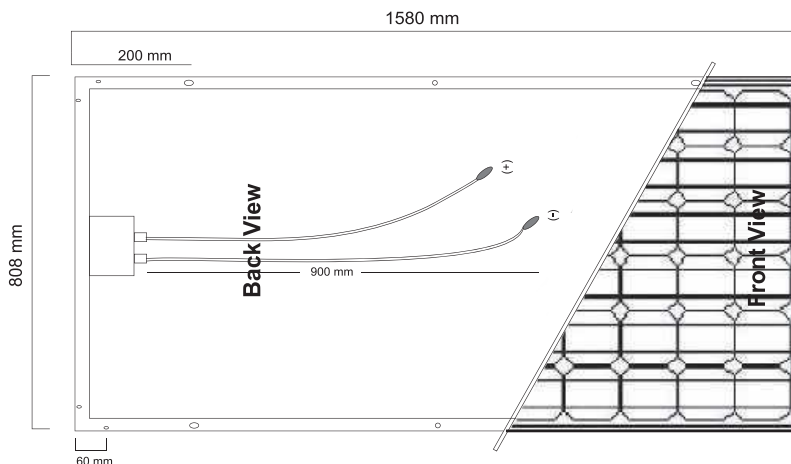


## Mechanical Specifications

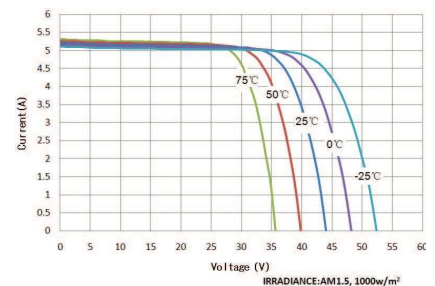
Dimensions	1580 × 808 × 45 (40) mm [62.2 × 31.8 × 1.77 (1.57) in]
Weight	15 (14) kg [33 (30.8) lbs]
Frame	Aluminium-alloy
Packing Configuration	44 pcs per package
Loading Capacity (40 ft container)	616 pcs

**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

