

# SF 260-36-M

Monocrystalline Cell  
156mm x 156mm



*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

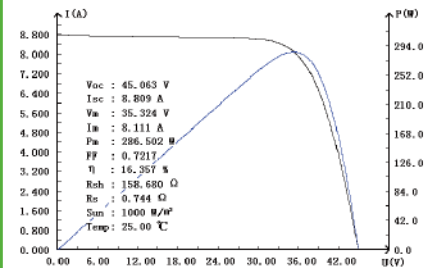
260-265-270-275-280-285-290-295-300-305-310 **Wattages Available**

## Electrical Characteristics

	$P_{max}$	260 W	265 W	270 W	275 W	280 W	285 W	290 W	295 W	300 W	305 W	310 W
Maximum Power	$P_{max}$	260 W	265 W	270 W	275 W	280 W	285 W	290 W	295 W	300 W	305 W	310 W
Open Circuit Voltage	$V_{oc}$	44.2V	44.3V	44.4V	44.5V	44.5V	44.6V	44.7V	44.8V	44.9V	45.0V	45.1V
Short Circuit Current	$I_{sc}$	8.05A	8.10A	8.16A	8.28A	8.35A	8.40A	8.44A	8.50A	8.55A	8.60A	8.65A
Maximum Power Voltage	$V_{mp}$	36.0V	36.1V	36.2V	36.3V	36.3V	36.4V	36.5V	36.6V	36.7V	36.8V	36.9V
Maximum Power Current	$I_{mp}$	7.23A	7.34A	7.48A	7.60A	7.72A	7.83A	7.95A	8.06A	8.18A	8.29A	8.40A
Module Efficiency (%)		13.2	13.5	13.7	14.0	14.3	14.5	14.7	15.0	15.2	15.5	15.8
Cell Efficiency (%)		15.1	15.4	15.7	16.0	16.4	16.7	17.0	17.2	17.4	17.6	17.9
Tolerance		±3%										
Temperature Coefficients of (P/V/I)		-0.50%/K / -0.35%/K / +0.04%/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

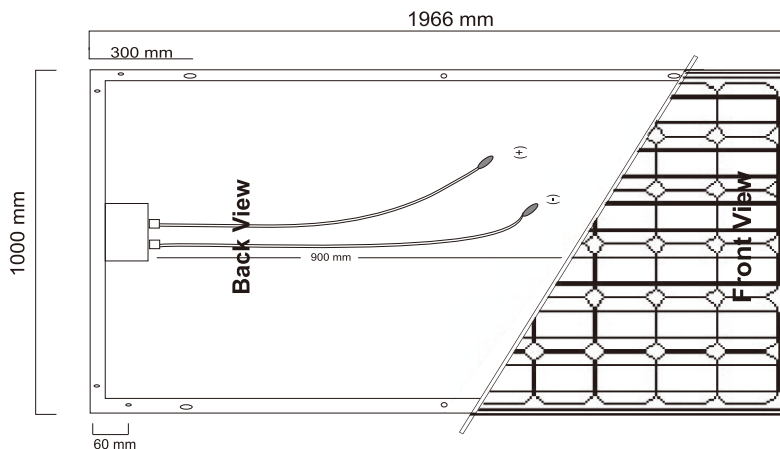


## Mechanical Specifications

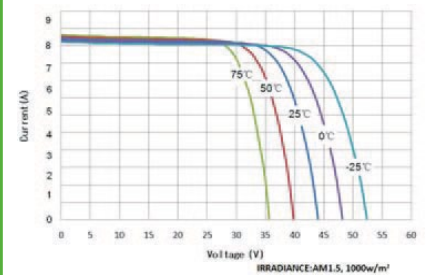
Dimensions	1966 × 1000 × 50 mm [77.40 × 39.37 × 1.97 in]
Weight	26 kg [57.2 lbs]
Frame	Aluminium-alloy
Packing Configuration	34 pcs per pallet
Loading Capacity (40 ft container)	374 pcs

**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

