

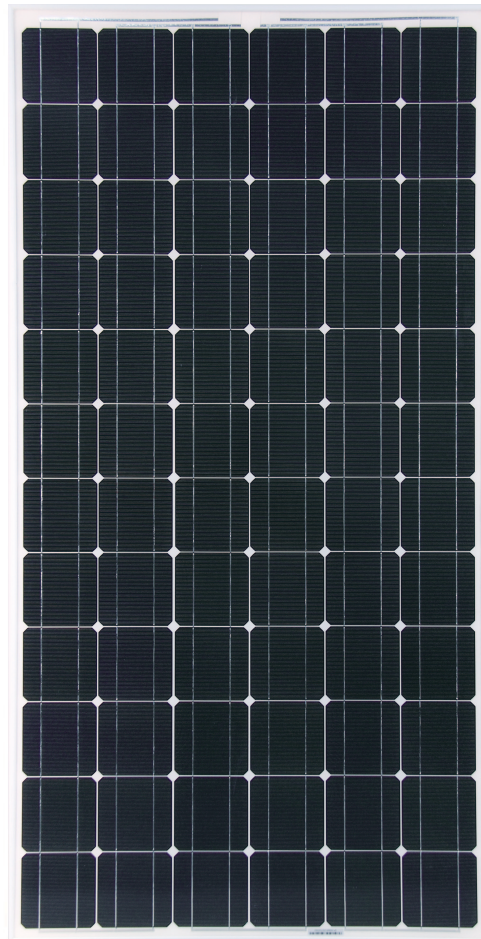
# SF 160-24 Mono

72 Monocrystalline Cells

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

170-175-180-185-190-195 Wattages Available

# SF 160-24 Mono

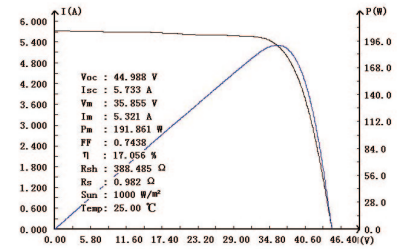


## Electrical Characteristics

	$P_{max}$	170 W	175 W	180 W	185 W	190 W	195 W
Maximum Power	$P_{max}$	170 W	175 W	180 W	185 W	190 W	195 W
Open Circuit Voltage	$V_{oc}$	43.8 V	44.0 V	44.3 V	44.6 V	44.8 V	45.0 V
Short Circuit Current	$I_{sc}$	5.36 A	5.48 A	5.59 A	5.68 A	5.78 A	5.85 A
Maximum Power Voltage	$V_{mp}$	35.0 V	35.2 V	35.4 V	35.6 V	35.8 V	36.0 V
Maximum Power Current	$I_{mp}$	4.86 A	4.98 A	5.11 A	5.21 A	5.33 A	5.42 A
Module Efficiency (%)		13.3	13.7	14.1	14.5	14.9	15.3
Cell Efficiency (%)		15.4	15.8	16.3	16.7	17.2	17.6
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

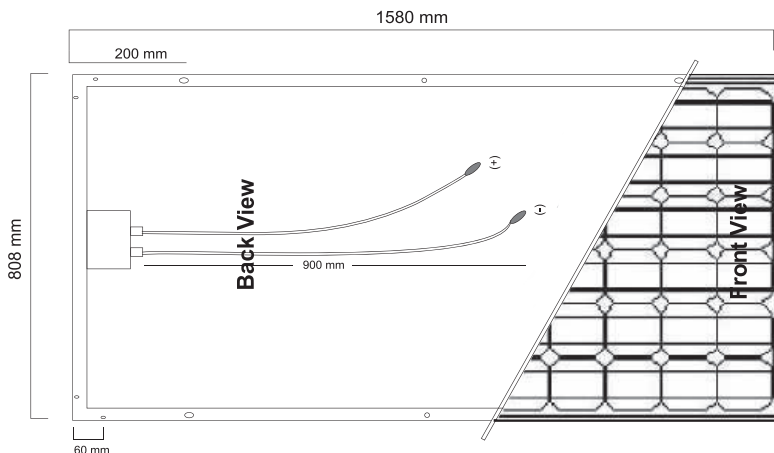


## Mechanical Specifications

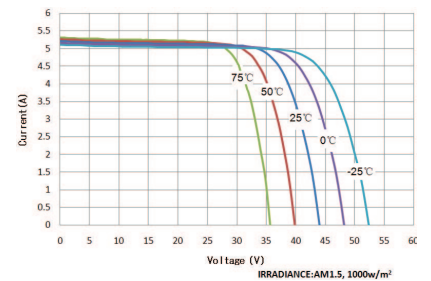
Dimensions	1580 × 808 × 45 (40) mm [62.2 × 31.8 × 1.77 (1.57) in]
Weight	15 (14) kg [33 (30.8) lbs]
Frame	Aluminium-alloy
Packing Configuration	22 (24) pcs per pallet
Loading Capacity (40 ft container)	616 (672) pcs

**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

