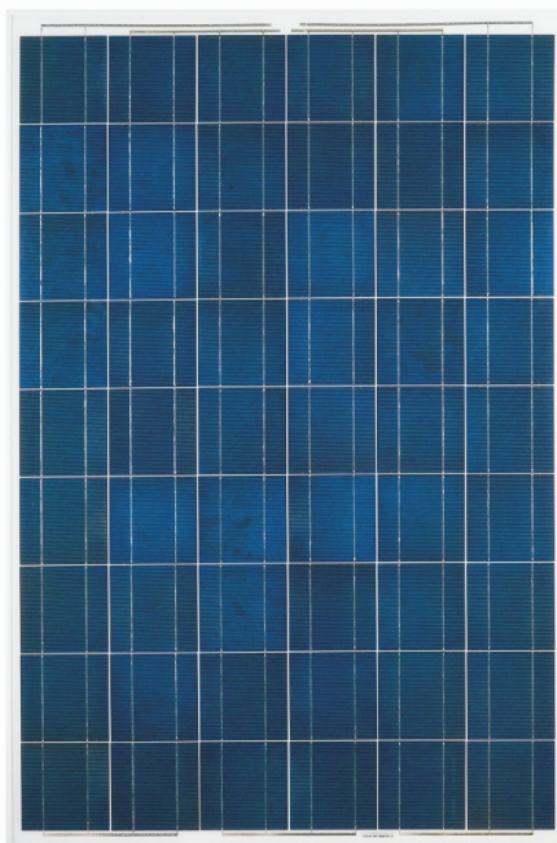


# SF 190-27-P

6" Polycrystalline



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

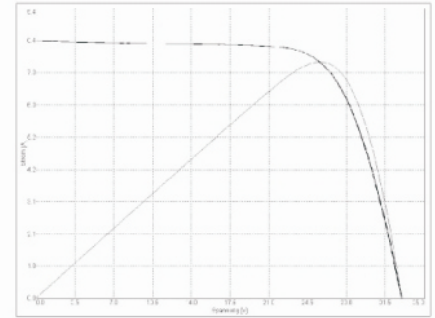


## Electrical Characteristics

	$P_{max}$	170 W	175 W	180 W	185 W	190 W	195 W	200 W	205 W	210 W
Open Circuit Voltage	$V_{oc}$	32.2 V	32.3 V	32.4 V	32.5 V	32.6 V	32.7 V	32.8 V	32.9 V	33.0 V
Short Circuit Current	$I_{sc}$	7.54 A	7.64 A	7.72 A	7.80 A	7.98 A	8.06 A	8.24 A	8.35 A	8.48 A
Maximum Power Voltage	$V_{mp}$	26.3 V	26.4 V	26.5 V	26.6 V	26.7 V	26.8 V	26.9 V	27.0 V	27.1 A
Maximum Power Current	$I_{mp}$	6.47 A	6.63 A	6.80 A	6.96 A	7.12 A	7.28 A	7.44 A	7.60 A	7.75 A
Module Efficiency (%)		11.4	11.7	12.1	12.4	12.7	13.1	13.4	13.7	14
Tolerance		+/- 5%								

Electrical characteristics at Standard Test Conditions (STC), defined as: Irradiance of 1000W/m<sup>2</sup>, Spectrum AM 1.5, and Cell temperature of 25°C.

## IV Curves

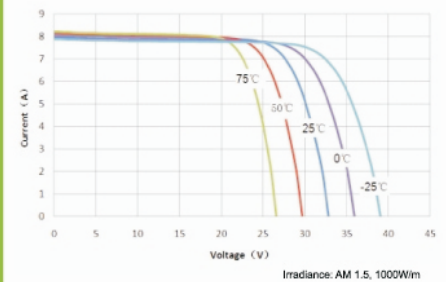


## Mechanical Specifications

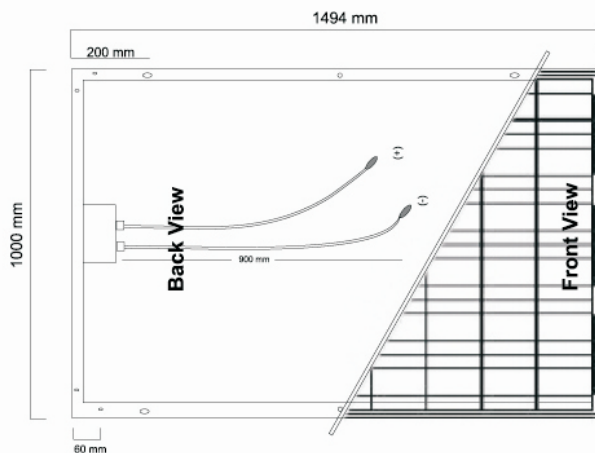
Dimensions	1494 × 1000 × 45 mm [58.8 × 39.37 × 1.77 in]
Weight	18 kg [40 lbs]
Frame	Aluminium-alloy
Packing Configuration	36 pcs per pallet
Size of Pallet	1.58 × 1.07 × 2.14 m [62.2 × 42.1 × 84.3 in]
Loading Capacity (40 ft container)	504 pcs

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

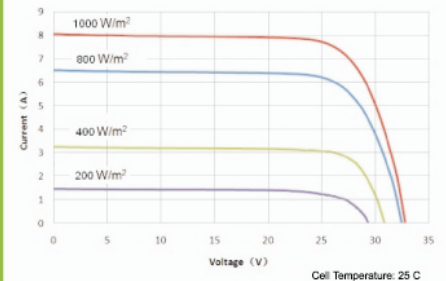
## Various Temperatures



## Dimensions



## Various Irradiance Levels



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



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