



CONERGY

Photovoltaic modules | Technical data

## Conergy C 180M

### Wide Range of Applications.

- | Grid-connected photovoltaic systems between 1 and 100 kWp
- | Large PV systems and special projects

### Extended Module Service Life.

- | Cells embedded in EVA (ethylene vinyl acetate)
- | Solar safety glass front
- | Weather and waterproof foil back

### Sturdy Frame.

- | Fully closed aluminium frame
- | Frame screwed at end faces

### Simple Installation.

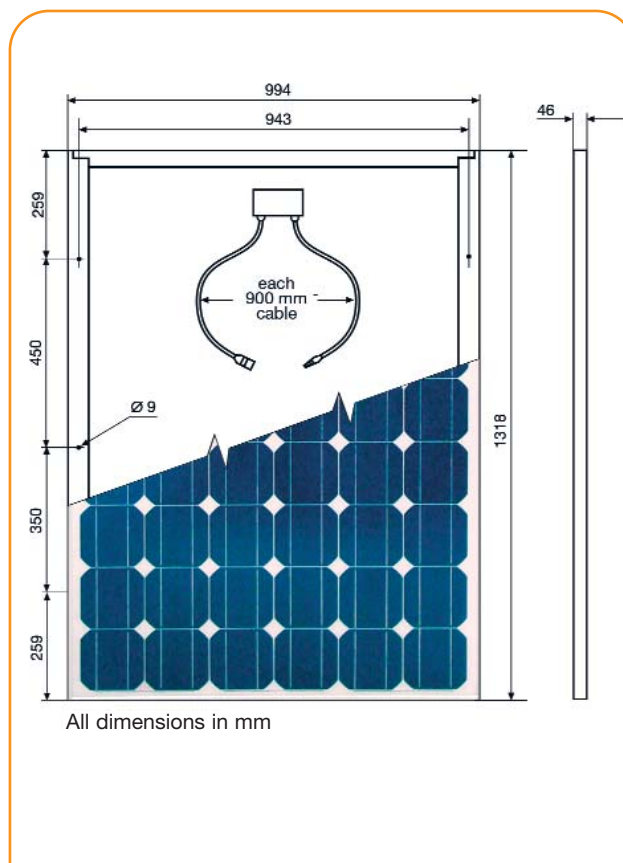
- | Multi-contact (MCIII) plug supplied as standard

### High Quality Finish.

- | Optical, mechanical and electrical module testing during and post-production
- | Automated production line ensures consistently high level of product quality

### Warranties and Certificates.

- | 25 year warranty on 80% of the minimum output
- | 2 year product warranty
- | IEC 61215, Protection Class II (projected)



### Technical data Conergy C 180M:

Max. output ( $P_{max}$ ) as per STC <sup>1</sup>	180 W $\pm$ 5 %
MPP voltage ( $V_{mpp}$ )	23.7 V
MPP current ( $I_{mpp}$ )	7.6 A
Open-circuit voltage ( $V_{oc}$ )	30.0 V
Short-circuit current ( $I_{sc}$ )	8.37 A
Temperature coefficient ( $P_{mpp}$ )	-0.5 %/°C
Temperature coefficient ( $V_{oc}$ )	-0.096 V/°C
Temperature coefficient ( $I_{sc}$ )	3.35 mA/°C
Maximum system voltage	1,000 V
Cells	48 monocrystalline

Cell dimensions	155 x 155 mm
Module dimensions (L x W x H)	1,318 x 994 x 46 mm
Weight	16 kg

<sup>1</sup> Standard Test Conditions, which are defined as follows: radiation output of 1,000 W/m<sup>2</sup> (max. insolation) at a spectral density of AM 1.5 (ASTM E892). Cell temperature of 25 °C.

Your specialist supplier: