

**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.**

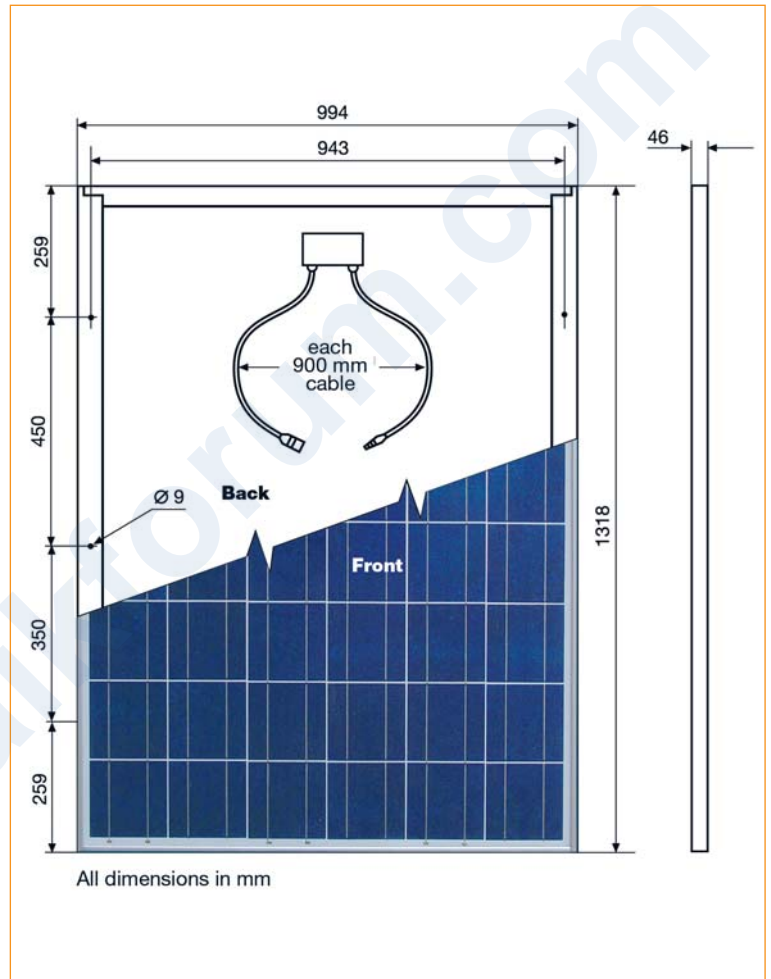
- | Multi-contact plug supplied as standard

**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



Mechanical dimensions

**Technical data Conergy C 160P:**

<b>Max. output (<math>P_{max}</math>) as per STC*</b>	160 W $\pm$ 5 %
<b>MPP voltage (<math>V_{mpp}</math>)</b>	22,8 V
<b>MPP current (<math>I_{mpp}</math>)</b>	7,02 A
<b>No-load voltage (<math>V_{oc}</math>)</b>	28,4 V
<b>Short-circuit current (<math>I_{sc}</math>)</b>	8,04 A
<b>Temperature coefficient (<math>P_{mpp}</math>)</b>	-0,5 %/°C
<b>Temperature coefficient (<math>V_{oc}</math>)</b>	-0,096 V/°C
<b>Temperature coefficient (<math>I_{sc}</math>)</b>	3,216 mA/°C
<b>Maximum system voltage</b>	540 V

<b>Cells</b>	48 multikristallin
<b>Cell dimensions</b>	155 x 155 mm
<b>Module dimensions</b>	1318 x 994 x 46 mm (LxWxH)
<b>Weight</b>	16 kg

\* Standard Test Conditions, which are defined as follows: radiation output of 1000 W/m<sup>2</sup> (max. insolation) at a spectral density of AM 1.5 (ASTM E892). Cell temperature of 25°C.

**Distributor:**