

# Conergy PM 225P–245P

The Conergy PM 225P–245P solar modules offer a high level of module output at an attractive price/performance ratio. The modules are equipped with 60 efficient, polycrystalline cells, come with a positive only power tolerance, and are characterized by high yields and a long service life. As with all Conergy modules, the Conergy PM is built to our exacting quality assurance and control standards. Thanks to their performance, high quality of manufacture, value, and familiar form factor, the Conergy PM is perfect for nearly any application.



## Benefits for the system operator

- | Attractive price/performance ratio
- | High module output
- | Certification in accordance with UL1703 (USA and Canada), IEC/EN 61215 Ed. 2 and IEC/EN 61730
- | Positive performance tolerance of +3 %
- | Secure investment decision thanks to a 10-year product warranty
- | Salt Corrosion and Humidity Resistance – complies with IEC 61701: Salt Mist Corrosion Testing

## Benefits for the installer

- | Simple installation thanks to industry standard connectors and mounting methods
- | Reliable, low maintenance modules resulting from Conergy's exceptional quality control program



Figure 1: Dimensions of the terminal box. The diagram shows a rectangular terminal box with various mounting and grounding holes. Key dimensions include: a top width of 950 mm (37.40 in); a distance between two mounting holes of 40 mm (1.57 in); a mounting hole diameter of 10 mm (0.39 in); a grounding hole diameter of 4 mm (0.16 in) with a ground symbol; a terminal box height of 1,000 mm (39.37 in); a distance from the bottom to the terminal box of 417 mm (16.42 in); and a total height of 834 mm (32.83 in). The terminal box is labeled with (-) and (+) terminals.

Maximum permissible system voltage:	600V/1,000 V UL/IEC
Maximum series fuse rating:	15 A
Frame material:	Anodised aluminum

<sup>1</sup> Dimensional tolerance:  $\pm 3$  mm  
<sup>2</sup> Nominal operating temperature of the cell at 800 W/m<sup>2</sup> irradiation, 20° C ambient temperature, wind speed of 1 m/s  
<sup>3</sup> In accordance with IEC 61215 Ed. 2  
<sup>4</sup> Weight tolerance:  $\pm 0.5$  kg/1.1 lbs  
<sup>5</sup> According to Conergy AG's current warranty conditions  
<sup>6</sup> Standard Test Conditions defined as follows: 1,000 W/m<sup>2</sup> radiant power at a spectral density of AM 1.5 and a cell temperature of 25° C  
<sup>7</sup> Typical production values

Available at: