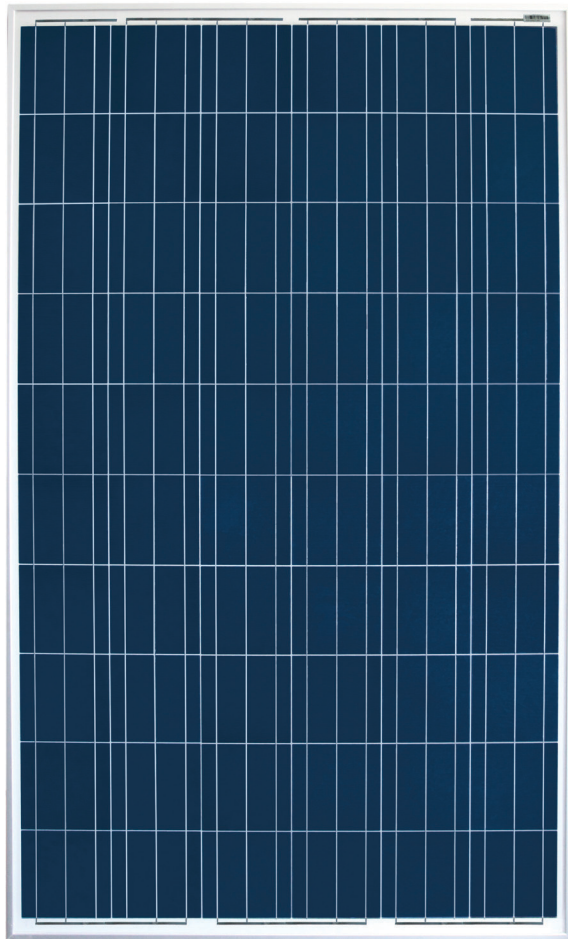




CONERGY

# Conergy PH 225P-250P

Conergy PH Series modules offer high output levels at an attractive price/performance ratio. Equipped with 60 efficient polycrystalline cells, Conergy PH is characterized by high yields and a long service life. Conergy PH production is certified to ISO 9001 international quality standards, and Conergy continually monitors the production process to insure product quality. These modules are powerful and versatile enough for any application from residential through utility scale.



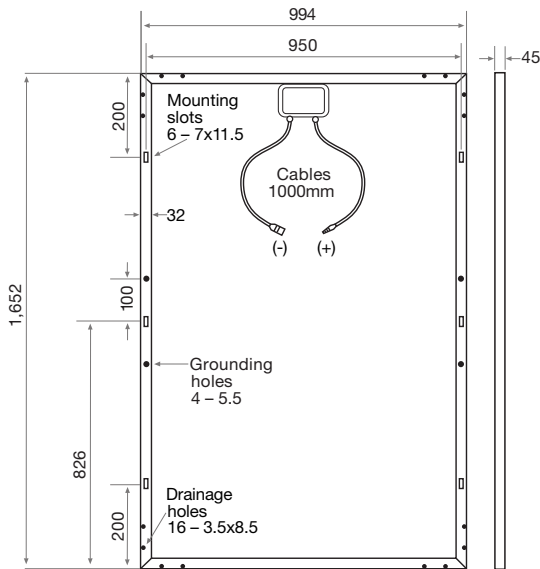
## Features:

- | Attractive price/performance ratio
- | 3 busbar cell design for better efficiency and yield
- | Precision, +3% power tolerance
- | 10-year product warranty
- | PV wire cables for use with transformerless inverters
- | Certified to UL 1703 (US and Canada), IEC/EN 61215 Ed.2, IEC/EN 61730



CONERGY

# Conergy PH 225P-250P



All dimensions in mm

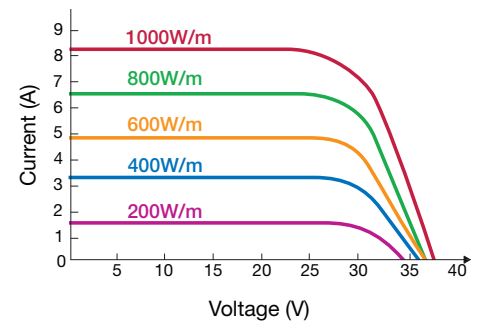
<b>Module dimensions</b>	
(L x W x H)	1652 x 994 x 45mm / 65.0 x 39.1 x 1.8 in
Cell dimensions	156 x 156 mm/6.14 x 6.14 in
Number of cells	60
Module weight	20kg/44.1lb
Maximum load	5400Pa/113psf
Glass	3.2mm tempered
Junction box	IP65 Class
Cable	1000mm/39.4 in, 4mm <sup>2</sup> 12AWG PV wire (UL4703)
Connector	MC4 Compatible
<b>Certifications</b>	
Operating certifications	UL1703 (USA and Canada), IEC 61215 Ed.2
Fire safety classification	Class C
<b>Warranty</b>	
Material and workmanship warranty	10 years
Power warranty 1	90%/10 years
Power warranty 2	80%/25 years



	Conergy PH Series					
	225P	230P	235P	240P	245P	250P
<b>Rated power (P<sub>max</sub>)<sup>1</sup></b>	225W	230W	235W	240W	245W	250W
<b>Power tolerance</b>	+3%	+3%	+3%	+3%	+3%	+3%
<b>Module efficiency</b>	13.7%	14.0%	14.3%	14.6%	14.9%	15.2%
<b>Maximum power voltage (V<sub>mpp</sub>)</b>	28.4V	28.8V	29.2V	29.5V	29.92V	30.30V
<b>Maximum power current (I<sub>mpp</sub>)</b>	7.92A	7.99A	8.06A	8.13A	8.20A	8.27A
<b>Open circuit voltage (V<sub>oc</sub>)</b>	37.1V	37.4V	37.6V	37.8V	37.98V	38.19V
<b>Short circuit current (I<sub>sc</sub>)</b>	8.49A	8.53A	8.56A	8.59A	8.62A	8.65A
<b>Nominal Operating Cell Temperature (NOCT)</b>	43±2°C					
<b>Temperature coefficient (P<sub>max</sub>)</b>	-0.47%/°C					
<b>Temperature coefficient (V<sub>oc</sub>)</b>	-0.34 %/°C					
<b>Temperature coefficient (I<sub>sc</sub>)</b>	0.05 %/°C					
<b>Maximum system voltage</b>	600V(UL)/1000V (IEC)					
<b>Maximum Series Fuse Rating</b>	15A					

<sup>1</sup> At Standard Test Conditions (STC): 1000W/m<sup>2</sup>, 25°C, air mass 1.5

Conergy PH 225P I-V Curves



Available from: