



CONERGY

Conergy PH 225P-240P

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.



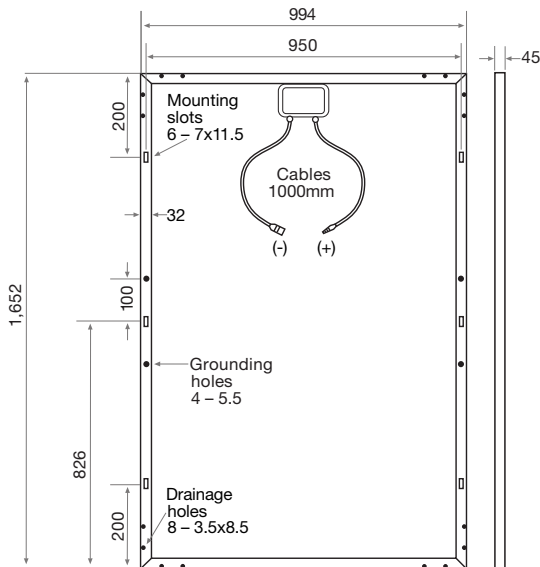
Features:

- | Attractive price/performance ratio
- | 3 busbar cell design for better efficiency and yield
- | Precision, $\pm 2.5\%$ power tolerance
- | 5-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



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All dimensions in mm

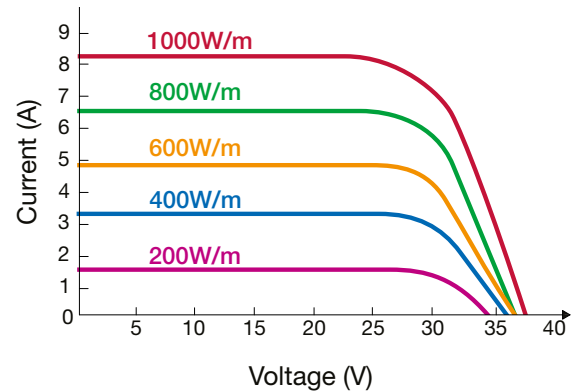
Module dimensions (L x W x H)	1652 x 994 x 45mm / 65.0 x 39.1 x 1.8 in
Cell dimensions	156 x 156 mm/6.14 x 6.14 in
Number of cells	60
Module weight	20kg/44.1lb
Maximum load	5400Pa/113psf
Glass	3.2mm tempered
Junction box	IP65 Class
Cable	1000mm/39.4 in, 4mm ² 12AWG PV wire (UL4703)
Connector	MC4 Compatible
Certifications	
Operating certifications	UL1703 (USA and Canada), IEC 61215 Ed.2
Fire safety classification	Class C
Warranty	
Material and workmanship warranty	5 years
Power warranty 1	90%/10 years
Power warranty 2	80%/25 years



	Conergy PH Series			
	225P	230P	235P	240P
Rated power (P_{max})¹	225W	230W	235W	240W
Power tolerance	±2.5%	±2.5%	±2.5%	±2.5%
Module efficiency	13.7%	14.0%	14.3%	14.6%
Maximum power voltage (V_{mpp})	28.4V	28.8V	29.2V	29.5V
Maximum power current (I_{mpp})	7.92A	7.99A	8.06A	8.13A
Open circuit voltage (V_{oc})	37.1V	37.4V	37.6V	37.8V
Short circuit current (I_{sc})	8.49A	8.53A	8.56A	8.59A
Nominal Operating Cell Temperature (NOCT)	43±2°C			
Temperature coefficient (P_{max})	-0.47%/°C			
Temperature coefficient (V_{oc})	-0.34%/°C			
Temperature coefficient (I_{sc})	0.05%/°C			
Maximum system voltage	600V(UL)/1000V (IEC)			
Maximum Series Fuse Rating	15A			

¹ At Standard Test Conditions (STC): 1000W/m², 25°C, air mass 1.5

Conergy PH 225P I-V Curves



Available from: