



Conergy P 235PA

The Conergy P 235PA offers high output levels at an attractive price/performance ratio. Equipped with 60 efficient, polycrystalline cells, they have proven their value in practical applications and years of operation. They are characterized by high yields and a long service life. Conergy P production is certified to ISO 9001 international quality standards and Conergy continually monitors the production process to insure product quality. These high-efficiency modules are powerful and versatile enough for any application from residential through utility scale.

Solar modules in the Conergy P-series are also available with monocrystalline and polycrystalline cells in other power classes and different module dimensions.

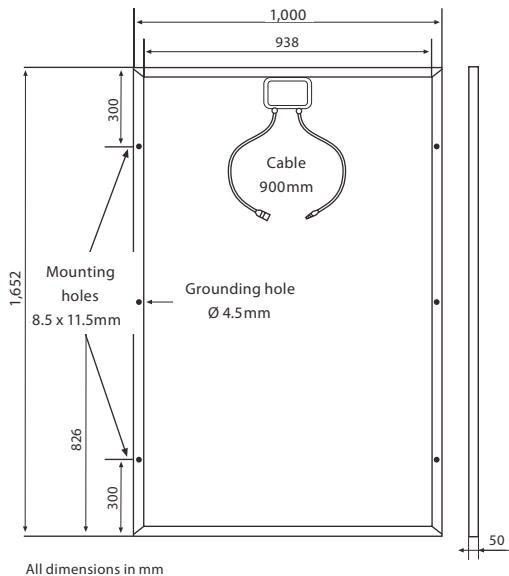


Features:

- | Attractive price/performance ratio
- | High-efficiency 3-busbar cells
- | Certified to UL1703, IEC/EN61215, 61730
- | High-performance, $\pm 3\%$ power tolerance
- | 5-year product warranty

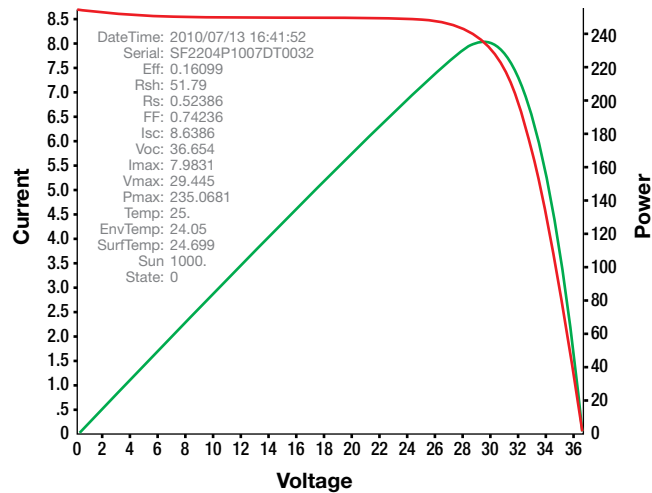


Conergy P 235PA



Module dimensions	
(L x W x H)	1652 x 1000 x 50 mm/65.0 x 39.4 x 2.0 in
Cell dimensions	156 x 156 mm/6.14 x 6.14 in
Number of cells	60
Module weight	22 kg/48.5 lb
Static wind/snow load	5400PA/113psf
Glass	Tempered, A/R coating
Junction box	IP65 Class
Cable	900 mm/35.4 in PV Wire, 4 mm ²
Connector	Amphenol H4 (MC4 compatible)
Certifications	
Operating certifications	cULus, IEC 61215 Ed.2
Fire safety classification	Class C
Warranty	
Material and workmanship warranty	5 years
Power warranty 1	90%/12 years
Power warranty 2	80%/25 years

Conergy P 235PA	
Rated power (P_{max})¹	235W
Power tolerance	±3%
Module efficiency	14.20%
Maximum power voltage (V_{mpp})	30.01V
Maximum power current (I_{mpp})	7.81A
Open circuit voltage (V_{oc})	36.8V
Short circuit current (I_{sc})	8.44A
Nominal Operating Cell Temperature (NOCT)	45.3°C/113.5°F
Temperature coefficient (P_{max})	-0.45%/°C
Temperature coefficient (V_{oc})	-0.32%/°C
Temperature coefficient (I_{sc})	+0.04%/°C
Operating temperature range	-40°C - +85°C / -40°F - +136°F
Maximum system voltage	600V (UL)/1000V (IEC)
Maximum Series Fuse Rating	15A



— Current vs. Voltage
— Power vs. Voltage

¹ At Standard Test Conditions (STC): 1000W/m², 25°C, AM 1.5 spectral density
² Available at additional cost

Available from: