



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.



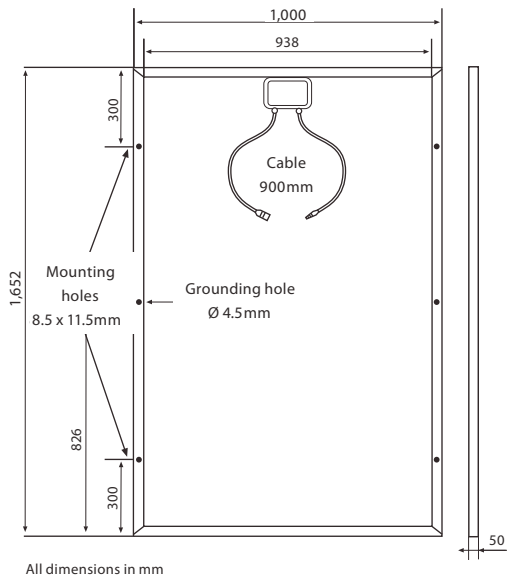
Features:

- | 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



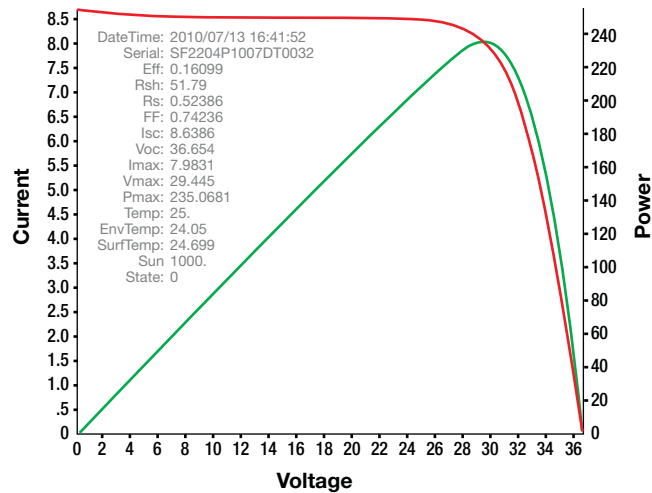
CONERGY

Conergy P 235PA



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|-----------------------------------|--|
| Module dimensions | |
| (L x W x H) | 1,651 × 986 × 46 mm (65 x 38.8 x 1.8 in) |
| Cell dimensions | 156 x 156 mm (6.14 x 6.14 in) |
| Number of cells | 60 |
| Module weight | 22kg (48.5 lb) |
| Static wind/snow load | 5400PA / 113psf |
| Glass | Tempered, A/R coating |
| Junction box | IP65 Class |
| Cable | 900mm/35.4in PV Wire, 4mm 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:



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www.RunOnSun.com
 626-793-6025