

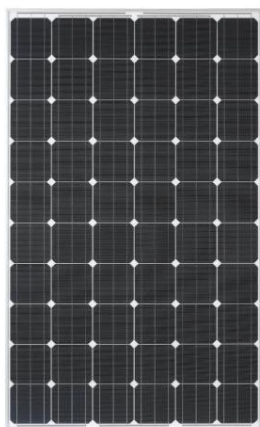
SPECIFICHE MODULO MONOCRISTALLINO 215-245W



D6M_A Series 215W - 245W

About DelSolar

Founded in 1971, the Delta Group is a global leader in power management and renewable energy solutions. DelSolar, as a subsidiary of Delta Group/Electronics, has become a leading solar cell and module provider with proven process innovation, state-of-art manufacturing technology, world-class cell efficiency, and record productivity yields since its inception in 2004.



High Performance

- Power tolerance of 0 to +3% provides a stable, high-energy system output
- Better performance under low light condition
- More power per unit area for cost effective installation

Engineering Excellence

- Increased cell to frame clearance reduces the effects of soiling
- High wind/snow load tolerance (pass mechanical load test of 5400 pa)

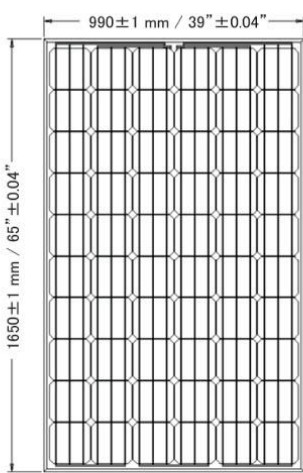
Reliability & Certifications

- 25-year limited warranty on power output
- 5-year product warranty
- IEC 61215, IEC 61730



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| MODULE FRONT VIEW | MODEL | D6M215B3A | D6M220B3A | D6M225B3A | D6M230B3A | D6M235B3A | D6M240B3A | D6M245B3A | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|-----------|-----------|-----------|-----------|-----------|-----------|--|
|  | Maximum Rating Power (P_{max}) | 215 W | 220 W | 225 W | 230 W | 235 W | 240 W | 245 W | |
| | Open Circuit Voltage (V_{oc}) | 35.86 V | 36.13 V | 36.40 V | 36.67 V | 36.94 V | 37.21 V | 37.48 V | |
| | Maximum Power Voltage (V_{pm}) | 28.60 V | 28.84 V | 29.08 V | 29.30 V | 29.57 V | 29.89 V | 30.10 V | |
| | Short Circuit Current (I_{sc}) | 8.32 A | 8.37 A | 8.43 A | 8.48 A | 8.54 A | 8.59 A | 8.64 A | |
| | Maximum Power Current (I_{pm}) | 7.52 A | 7.63 A | 7.74 A | 7.85 A | 7.95 A | 8.03 A | 8.14 A | |
| | Module Efficiency | 13.2 % | 13.5 % | 13.8 % | 14.1 % | 14.4 % | 14.7 % | 15.0 % | |
| | Dimension | 1650±1 mm (L) x 990±1 mm (W) x 50±1 mm (D) / 65"±0.04" (L) x 39"±0.04" (W) x 2"±0.04" (D) | | | | | | | |
| | Weight | 20.5 kg / 45.2 lbs | | | | | | | |
| | Solar Cells | 60 monocrystalline 6" silicon cells (156 x 156 mm) | | | | | | | |
| | Front Glass | Ultra clear tempered glass, 3.2 mm | | | | | | | |
| Cell Encapsulation | EVA (Ethylene-Vinyl-acetate) | | | | | | | | |
| Back Cover | Composite film | | | | | | | | |
| Frame | Original / Black anodized aluminum profile | | | | | | | | |
| Junction Box | Tyco junction box with 3 bypass diodes | | | | | | | | |
| Output Cables | 4 mm ² cable with Tyco connectors, (-) 1394462-4 / (+) 6-1394461-2 | | | | | | | | |
| Mechanical Load | 5400 Pa (Certified by TUV Rheinland) | | | | | | | | |
| Maximum System Voltage | 1000 V | | | | | | | | |
| Series Fuse Rating | 12 A | | | | | | | | |
| Operating Temperature | -40 to 85 °C | | | | | | | | |
| Nominal Operating Cell Temperature | 44.1 °C | | | | | | | | |
| Temperature Coefficient of P_{max} | -0.498 % / °C | | | | | | | | |
| Temperature Coefficient of V_{oc} | -0.352 % / °C | | | | | | | | |
| Temperature Coefficient of I_{sc} | 0.032 % / °C | | | | | | | | |

