

About DeSolar

Founded in 1971, the Delta Group is a global leader in power management and renewable energy solutions. DeSolar, 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.

D6M_A Series 215W - 245W

High Performance

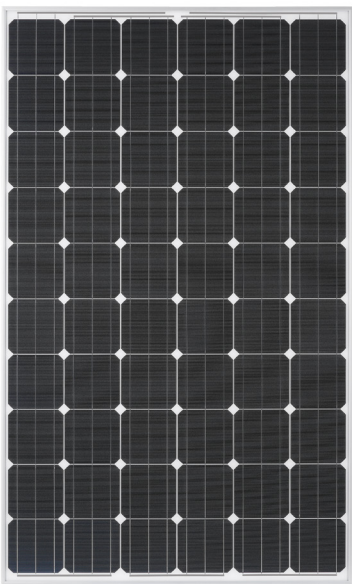
- Power Tolerance of 0 to +3% provides a stable, high-energy system output
- Better performance under low light condition
- More power per unit area for cost effective installation

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
- Compliant with the Buy American Act



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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								

MODULE BACK VIEW		
	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
	Normal 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

* Electrical data under Standard Test Conditions (STC): 25 °C, 1000 W / m², AM 1.5
 * Values w/o tolerance are typical numbers
 * Reduction in efficiency from 1000 W/m² to 200 W/m² at 25 °C: 4%

DEPENDENCE ON TEMPERATURE DEPENDENCE ON IRRADIANCE

