

D6M_B2A -WT 180W - 200W

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-the-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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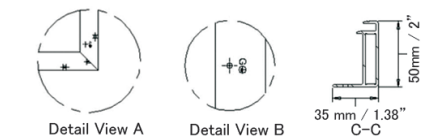
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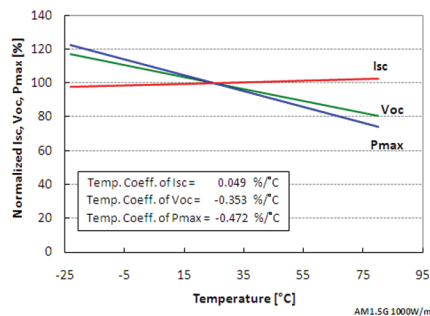
MODULE FRONT VIEW	MODEL	D6M180B2A	D6M185B2A	D6M190B2A	D6M195B2A	D6M200B2A
	Maximum Rating Power (P_{max})	180 W	185 W	190 W	195 W	200 W
	Open Circuit Voltage (V_{oc})	29.09 V	29.31 V	29.52 V	29.87 V	30.40 V
	Maximum Power Voltage (V_{pm})	23.23 V	23.45 V	23.67 V	23.87 V	24.32 V
	Short Circuit Current (I_{sc})	8.43 A	8.48 A	8.59 A	8.64 A	8.58 A
	Maximum Power Current (I_{pm})	7.75 A	7.89 A	8.03 A	8.17 A	8.23 A
	Module Efficiency	13.7 %	14.1 %	14.4 %	14.8 %	15.2%
Dimension	1330±1 mm (L) x 990±1 mm (W) x 50±1 mm (D) / 52.4"±0.04" (L) x 39"±0.04" (W) x 2"±0.04" (D)					
Weight	17 kg / 37.5 lbs					

MODULE BACK VIEW		
	Solar Cells	48 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
	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}	-0.472 % / °C	
Temperature Coefficient of V_{oc}	-0.353 % / °C	
Temperature Coefficient of I_{sc}	0.049 % / °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 CELL TEMPERATURE



DEPENDENCE ON IRRADIANCE

