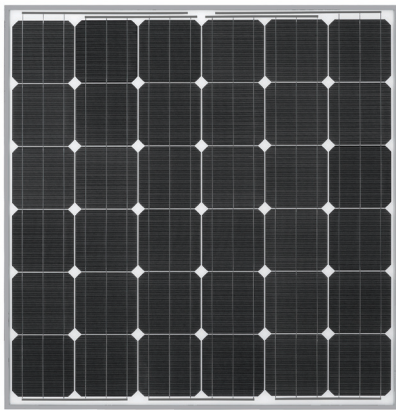


D6M_B1A-WT 130W - 150W

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



Contact DeSolar

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www.delsolarpv.com

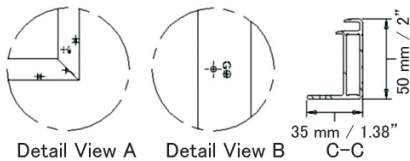
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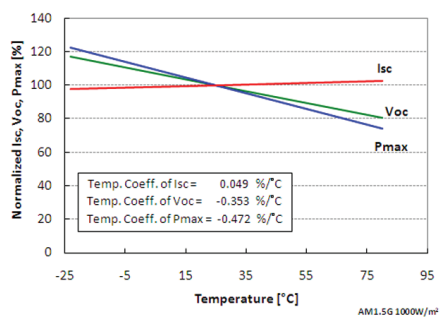
MODULE FRONT VIEW	MODEL	D6M130B1A	D6M135B1A	D6M140B1A	D6M145B1A	D6M150B1A
	Maximum Rating Power (P_{max})	130 W	135 W	140 W	145 W	150 W
	Open Circuit Voltage (V_{oc})	21.62 V	21.78 V	22.11 V	22.53 V	23.09 V
	Maximum Power Voltage (V_{pm})	17.13 V	17.47 V	17.79 V	18.13 V	18.62 V
	Short Circuit Current (I_{sc})	8.37 A	8.43 A	8.54 A	8.62 A	8.58 A
	Maximum Power Current (I_{pm})	7.59 A	7.73 A	7.87 A	8.00 A	8.06 A
	Module Efficiency	12.9 %	13.4 %	13.9 %	14.4 %	14.9 %
	Dimension	1015±1 mm (L) x 990±1 mm (W) x 50±1 mm (D) / 40"±0.04" (L) x 39"±0.04" (W) x 2"±0.04" (D)				
Weight	13.5 kg / 29.8 lbs					

MODULE BACK VIEW		
	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 TEMPERATURE



DEPENDENCE ON IRRADIANCE

