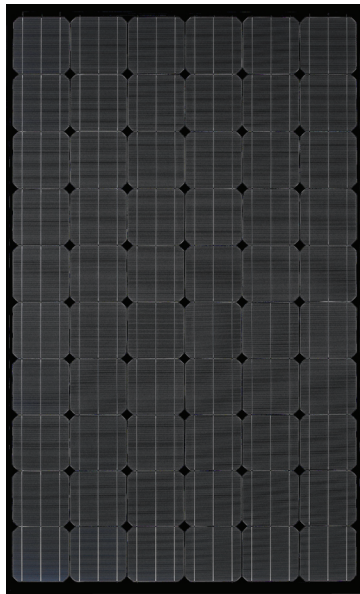


## D6M\_B3A-BK 230W - 250W

### 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, 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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solar.sales@delta-corp.com

#### Worldwide Headquarters

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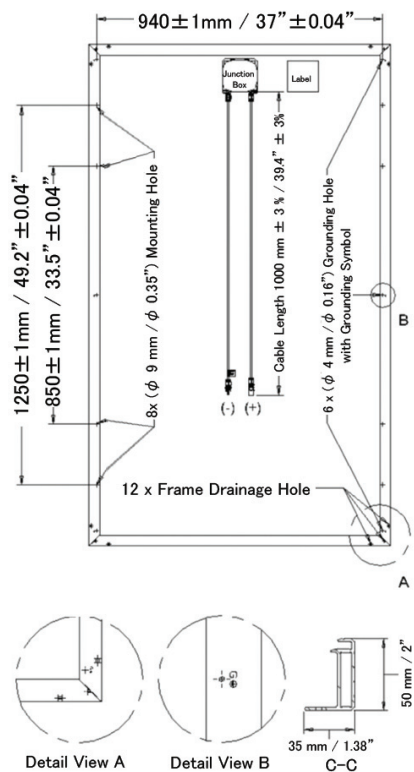
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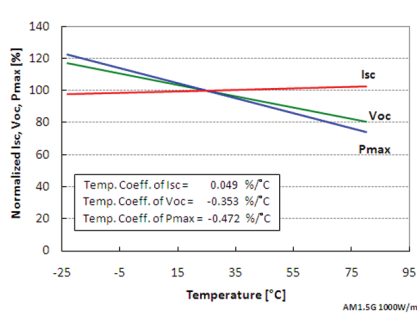
MODULE FRONT VIEW	MODEL	D6M230B3A	D6M235B3A	D6M240B3A	D6M245B3A	D6M250B3A
	Maximum Rating Power ( $P_{max}$ )	230 W	235 W	240 W	245 W	250 W
	Open Circuit Voltage ( $V_{oc}$ )	36.67 V	36.94 V	37.21 V	37.48 V	37.71 V
	Maximum Power Voltage ( $V_{pm}$ )	29.30 V	29.57 V	29.89 V	30.10 V	30.35V
	Short Circuit Current ( $I_{sc}$ )	8.48 A	8.54 A	8.59 A	8.64 A	8.69 A
	Maximum Power Current ( $I_{pm}$ )	7.85 A	7.95 A	8.03 A	8.14 A	8.24 A
	Module Efficiency	14.1 %	14.4 %	14.7 %	15.0 %	15.3 %
	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					

MODULE BACK VIEW	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
	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 / m<sup>2</sup>, AM 1.5  
 \* Values w/o tolerance are typical numbers  
 \* Reduction in efficiency from 1000 W/m<sup>2</sup> to 200 W/m<sup>2</sup> at 25 °C: 4%



### DEPENDENCE ON TEMPERATURE



### DEPENDENCE ON IRRADIANCE

