

D6M_B3A-WS-i

250 W - 260 W

Mono-Crystalline Photovoltaic Module



Power optimizer integrated



More energy: Maximum power for each panel



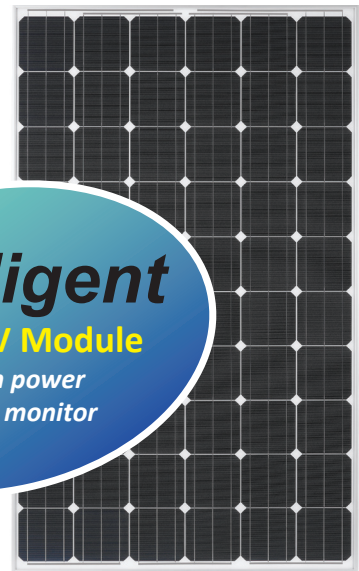
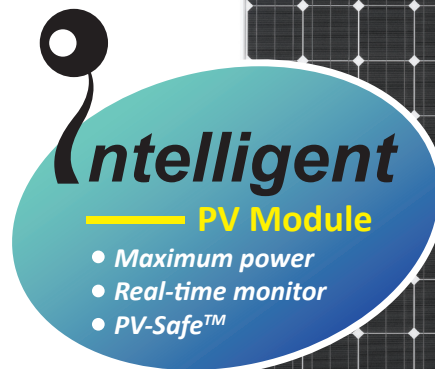
Enhanced safety: PV-Safe™ technology



Active management: Real-time monitor and management



High flexibility: System configuration flexible



Reliability & Certification

- Performance warranty
 - 25-year: minimum 80% power output
 - 10-year: minimum 90% power output
- Product guarantee: 5-year
- IEC61215/IEC61730, CE

Features

- Positive Power Tolerance(0 ~ +4.99 Watt)
- Maximum Surface Load up to 5400 Pa Withstand High Wind and Snow
- Excellent Performance under Low Light Environments
- High Module Conversion Efficiency
- Homogeneous Module Color with DeISolar-made 3 Busbar Cells

About DeISolar

Established as a subsidiary of Delta Electronics, Inc., the world's number one switching power supplies provider, DeISolar is dedicated to the research, development, and production of high-quality solar cells, modules, and photovoltaic (PV) systems. DeISolar strives to become the world's leading solar supplier through continuous innovation, outstanding production processes, high yield rates, and world-class product efficiency. Under its parent company's leadership, DeISolar is committed to providing clean and effective solar energy for a sustainable world.

More Information, please visit us at: www.delsolarpv.com

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Electrical Data

Model	D6M250B3A	D6M255B3A	D6M260B3A
Maximum Rating Power (Pmax)	250 W	255 W	260 W
Module Efficiency	15.3 %	15.6 %	15.9 %
Open Circuit Voltage (Voc)	37.23 V	37.34 V	37.55 V
Maximum Power Voltage (Vpm)	30.33 V	30.47 V	30.70 V
Short Circuit Current (Isc)	8.83 A	8.94 A	9.04 A
Maximum Power Current (Ipm)	8.26 A	8.39 A	8.50 A

*Electrical data under Standard Test Conditions (STC): Cell Temperature of 25 °C, Irradiance 1000 W/m², AM 1.5

*Values w/o tolerance are typical numbers

Mechanical Data

Item	Specification
Dimension	1650 mm (L) x 990 mm (W) x 42 mm (D) / 65" (L) x 39" (W) x 1.65" (D)
Weight	18.5 kg / 41 lbs
Solar Cell	60 monocrystalline 6" silicon cells (156 mm x 156 mm)
Front Glass	Anti-reflective tempered solar glass, 3.2mm thickness
Cell Encapsulation	EVA (Ethylene-Vinyl-Acetate)
Back Cover	Composite film, white
Junction Box	Tigo Energy Maximizer (99.5% high efficiency)
Frame	Anodized aluminum frame, original or black

Operating Conditions

Item	Specification
Mechanical Load	5400 Pa
Maximum System Voltage	DC 1000 V
Series Fuse Rating	15 A
Operating Temperature	-40 to 85 °C

Temperature Characteristics

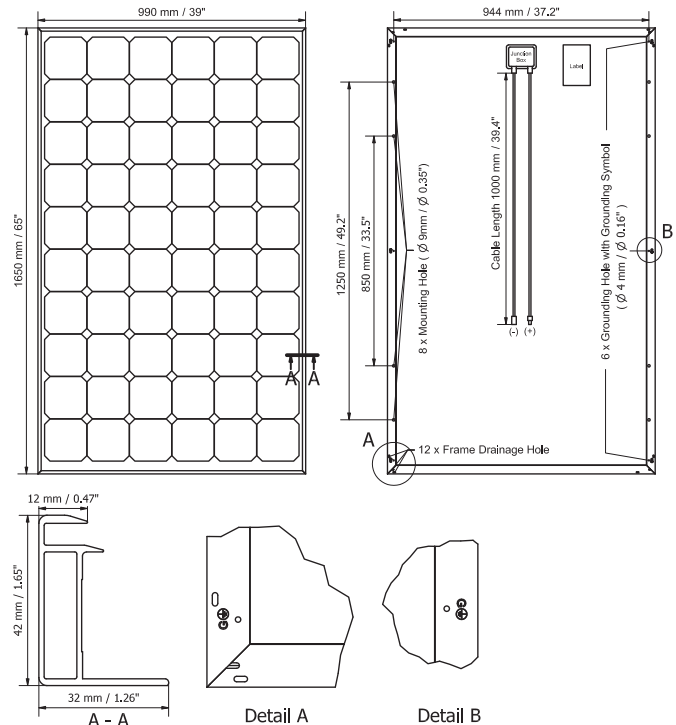
Item	Specification
Nominal Operating Cell Temperature	44.1 °C ± 2 °C
Temperature Coefficient of Isc	0.049 % / °C
Temperature Coefficient of Voc	-0.353 % / °C
Temperature Coefficient of Pmax	-0.472 % / °C

* Normal Operating Cell Temperature (NOCT): Irradiance 800W/m², Ambient Temperature 20 °C, Wind Speed 1 m/s

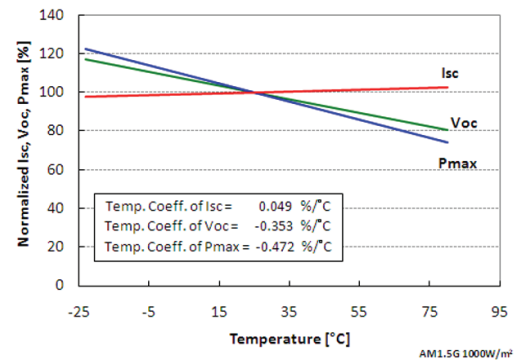
* Please refer to DeSolar's Standard Module Installation Manual before using the product

* Reduction in efficiency from 1000 W/m² to 200 W/m² at 25 °C: 4% ± 2 %

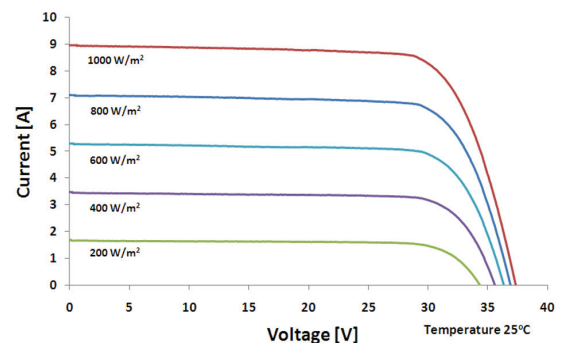
Front View & Back View



Dependence on Temperature



Dependence on Irradiance



For system integration, please contact with
Tigo Energy for related accessories.
www.tigoenergy.com