

D6P_A1E-WT
120W - 140W

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
- High PV cell shunt resistance increases power output under low light conditions
- Low temperature coefficients of power enable high power output under all weather conditions
- High-efficiency solar cells and state-of-art manufacturing technology lead to cost efficacy per kWh
- High wind/snow load tolerant

Reliability & Certifications

- 25-year limited warranty on power output & 5-year product warranty
- 25-year performance warranty
 - 10 years: 90% minimum performance
 - 25 years: 80% minimum performance
- IEC 61215, IEC 61730, UL1703
- Compliant with the Buy American Act

Section 25.402 of Federal Acquisition Circular (FAC) 2005-33, dated June 15, 2009, provides that eligible products from the World Trade Organization Government Procurement Agreement (WTO-GPA) countries are entitled to waiver of "the Buy American Act and other discriminatory provisions" for construction contracts over \$7.44 million and supply contracts over \$194,000. Taiwan is a signatory to the WTO-GPA and subject to the said FAC requirements, Taiwanese products are compliant with Section 1605 of the American Reconstruction and Reinvestment Act (ARRA).



Contact DeSolar

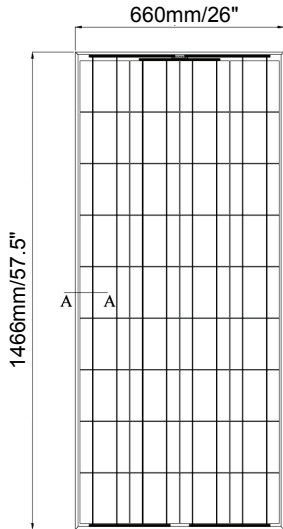
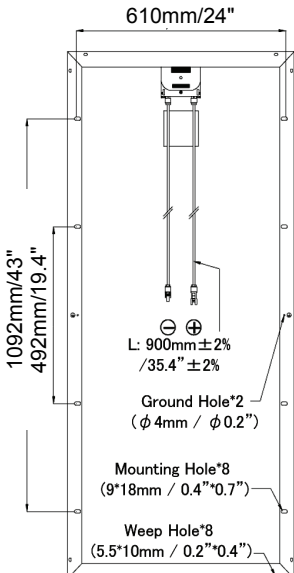
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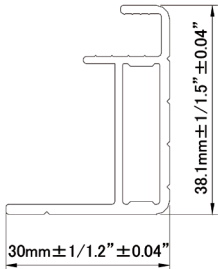
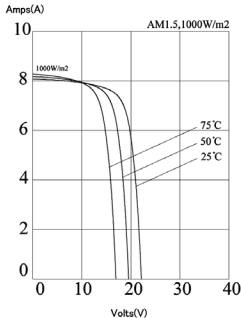
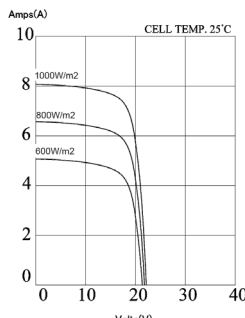
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MODULE FRONT VIEW	MODEL	D6P130A1E	D6P135A1E	D6P140A1E
	Maximum Rating Power (P_{max})	130 W	135 W	140 W
	Open Circuit Voltage (V_{oc})	22.10 V	22.31 V	22.52 V
	Maximum Power Voltage (V_{pm})	17.75 V	17.95 V	18.15 V
	Short Circuit Current (I_{sc})	8.06 A	8.26 A	8.46 A
	Maximum Power Current (I_{pm})	7.33 A	7.53 A	7.73 A
	Module Efficiency	13.4 %	13.9%	14.4%
	Dimension	1466 mm (L) x 660 mm (W) x 38.1 mm (D) / 57.7" (L) x 26" (W) x 1.5" (D)		
Weight	11.8 kg / 26.01 lbs			
MODULE BACK VIEW	Solar Cells	36 multicrystalline 6" silicon cells (156 x 156 mm)		
	Mechanical Load	5400 Pa		
	Maximum System Voltage	IEC: DC 1000 V / UL: DC 600 V		
	Series Fuse Rating	15 A		
	Operating Temperature	-40 to 90 °C		
	Nominal Operating Cell Temperature	45.6 °C		
	Temperature Coefficient of P_{max}	-0.4883 %/°C		
	Temperature Coefficient of V_{oc}	-0.3552 %/°C		
Temperature Coefficient of I_{sc}	0.0577 %/°C			
<p>* Electrical data under Standard Test Conditions (STC): 25 °C, 1000 W / m², AM 1.5</p> <p>* Values w/o tolerance are typical numbers</p> <p>** PV USA test condition rating (PTC): 20°C, 1000 W/m², wind speed 1m/s, AM 1.5</p>				

AI FRAME SECTION VIEW	DEPENDENCE ON TEMPERATURE	DEPENDENCE ON IRRADIANCE
 <p>Section A-A</p>		
MQWRD-01-13-08-D6M_A1E-WT Ver 1.1		