

D6P_A2E-WT 175W - 185W

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.

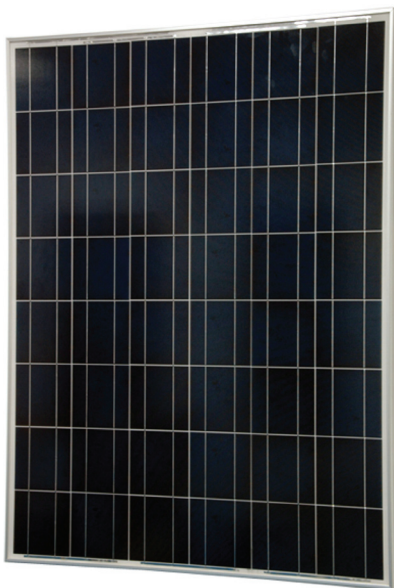
High Performance

- 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

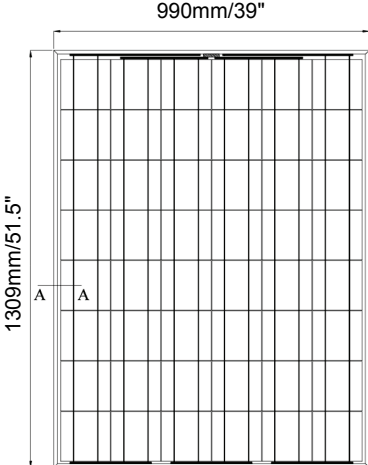
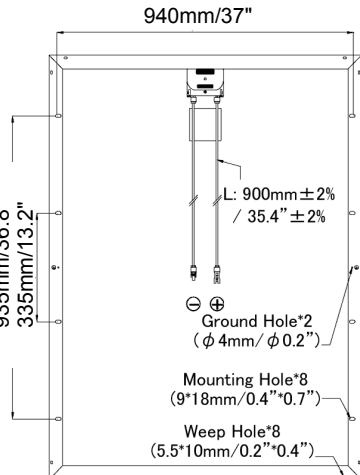
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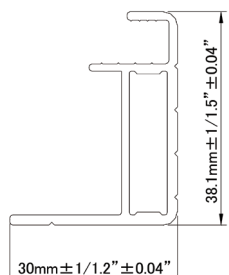
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MODULE FRONT VIEW	MODEL	D6P175A2E	D6P180A2E	D6P185A2E
	Maximum Rating Power (P_{max})	175 W	180 W	185 W
	** PV USA test condition rating (PTC)	156 W	160.6 W	165.2 W
	Open Circuit Voltage (V_{oc})	29.52 V	29.66 V	29.81 V
	Maximum Power Voltage (V_{pm})	22.97 V	23.05 V	23.12 V
	Short Circuit Current (I_{sc})	8.13 A	8.27 A	8.41 A
	Maximum Power Current (I_{pm})	7.62 A	7.81 A	8.01 A
	Module Efficiency	13.5 %	13.8 %	14.3 %
	Dimension	1309 mm (L) x 990 mm (W) x 38.1 mm (D) / 51.5" (L) x 39" (W) x 1.5"(D)		
MODULE BACK VIEW	Weight	14.9 kg / 32.85 lbs		
	Solar Cells	48 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		

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

* Values w/o tolerance are typical numbers

** PV USA test condition rating (PTC): 20 °C, 1000 W/m², wind speed 1m/s, AM 1.5

AI FRAME SECTION VIEW	DEPENDENCE ON TEMPERATURE	DEPENDENCE ON IRRADIANCE
 <p>Section A-A</p>	