

## D6P\_A3E-WT 210W - 240W

### **About DelSolar**

Founded in 1971, the Delta Group is a global leader in power management and renewable energy solutions. DelSolar, 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.





### Contact DelSolar

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#### **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).

California Energy Commission listed

#### Worldwide Headquarters

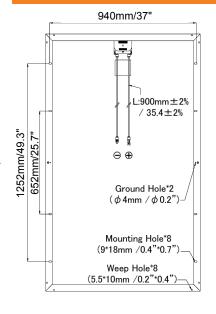
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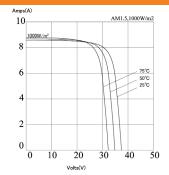
	MODULE FRONT VIEW	MODEL	D6P210A3E	D6P215A3E	D6P220A3E	D6P225A3E	D6P230A3E	D6P235A3E	D6P240A3E
1626mm/64"	990mm/39"	Maximum Rating Power (P <sub>max</sub> )	210 W	215 W	220 W	225 W	230 W	235 W	240 W
		** PV USA test condition rating (PTC)	187.1 W	191.6 W	196.2 W	200.8 W	205.4 W	210.0 W	214.6 W
		Open Circuit Voltage (V <sub>oc</sub> )	36.60 V	36.72 V	36.90 V	37.08 V	37.20 V	37.46 V	37.73 V
		Maximum Power Voltage (V <sub>pm</sub> )	28.72 V	28.86 V	29.20 V	29.34 V	29.49 V	29.46 V	29.71 V
		Short Circuit Current (I <sub>sc</sub> )	7.93 A	8.00 A	8.13 A	8.27 A	8.39 A	8.53 A	8.60 A
		Maximum Power Current (I <sub>pm</sub> )	7.32 A	7.45 A	7.54 A	7.67 A	7.80 A	7.98 A	8.08 A
		Module Efficiency	13.0 %	13.4 %	13.6 %	14.0 %	14.3 %	14.6%	14.9%
		Dimension	1626 mm (L) x 990 mm (W) x 38.1 mm (D) / 64" (L) x 39" (W) x 1.5" (D)						
	MODULE BACK VIEW	Weight	20 kg / 44.09 lbs						

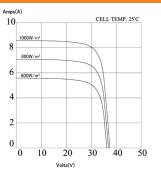


Weight	20 1197 447.00 100					
Solar Cells	60 multicrystalline 6" silicon cells (156 x 156 mm)					
Mechanical Load	5400 Pa					
Maximum System Voltage	IEC: DC 1000 V / UL: DC 600 V					
Series Fuse Rating	15 A					
Operating Temperature	-40 to 90 °C					
Nominal Operating Cell Temperature	45.6 °C					
Temperature Coefficient of P <sub>max</sub>	-0.4883 %/°C					
Temperature Coefficient of $V_{\infty}$	-0.3552 %/°C					
Temperature Coefficient of I <sub>sc</sub>	0.0577 %/°C					

- $^{\star}$  Electrical data under Standard Test Conditions (STC): 25  $^{\circ}\text{C},\,1000\;\text{W}\,/\,\text{m}^{2},\,\text{AM}\,1.5$
- \*\* PV USA test condition rating (PTC): 20°C, 1000 W/m², wind speed 1m/s, AM 1.5 **DEPENDENCE ON TEMPERATURE**

# 38.1mm±1/1.5"±0.04" 42.5mm $\pm 1/1.7$ " $\pm 0.04$ " Section A-A





DEPENDENCE ON IRRADIANCE