

## D6P\_A4E-WT 265W - 285W

### 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.



#### 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
  - 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



### Contact DelSolar

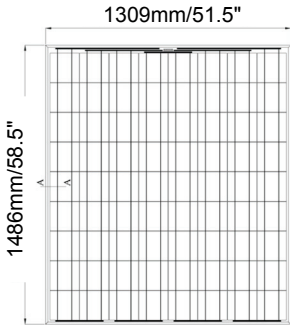
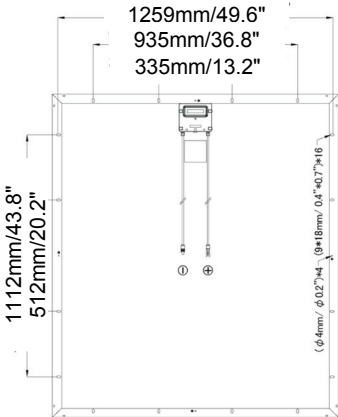
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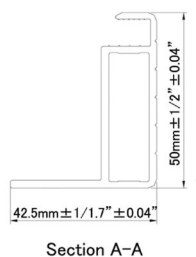
MODULE FRONT VIEW	MODEL	D6P265A4E	D6P270A4E	D6P275A4E	D6P280A4E	D6P285A4E
	Maximum Rating Power ( $P_{max}$ )	265 W	270 W	275 W	280 W	285 W
	** PV USA test condition rating (PTC)	236.3 W	240.9 W	245.5 W	250.1 W	254.7 W
	Open Circuit Voltage ( $V_{oc}$ )	44.20 V	44.28 V	44.35 V	44.49 V	44.56 V
	Maximum Power Voltage ( $V_{pm}$ )	34.83 V	34.98 V	35.22 V	35.36 V	35.50 V
	Short Circuit Current ( $I_{sc}$ )	8.06 A	8.13 A	8.21 A	8.27 A	8.33 A
	Maximum Power Current ( $I_{pm}$ )	7.61 A	7.72 A	7.81 A	7.92 A	8.03 A
	Module Efficiency	13.8 %	14.0 %	14.3 %	14.5 %	14.8 %
	Dimension	1486 x 1309 x 50 mm / 58.5\" x 51.5\" x 2\"				
	Weight	23.4 kg / 51.59 lbs				
	Solar Cells	72 multicrystalline 6\" silicon cells (156 x 156 mm)				
	Mechanical Load	5400 Pa				
	Maximum System Voltage	DC 1000V				
	Series Fuse Rating	15 A				
	Operating Temperature	-40 to 90 °C				
	Normal Operating Cell Temperature	46 ± 1°C				
	Temperature Coefficient of $P_{max}$	-0.46 %/°C				
	Temperature Coefficient of $V_{oc}$	-0.35 %/°C				
	Temperature Coefficient of $I_{sc}$	0.05 %/°C				

\* Electrical data under Standard Test Conditions (STC): 25 °C, 1000 W / m<sup>2</sup>, AM 1.5

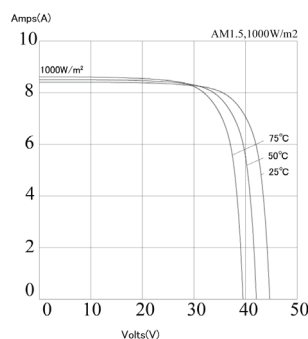
\* Values w/o tolerance are typical numbers

\*\* PV USA test condition rating (PTC): 20°C, 1000 W/m<sup>2</sup>, wind speed 1m/s, AM 1.5

## AI FRAME SECTION VIEW



## DEPENDENCE ON TEMPERATURE



## DEPENDENCE ON IRRADIANCE

