

D6P_E4A

310 W - 335 W

Multi-Crystalline Photovoltaic Module



Positive power tolerance
0~+4.99 watt



Withstand strong wind/snow load up to 5400 Pa



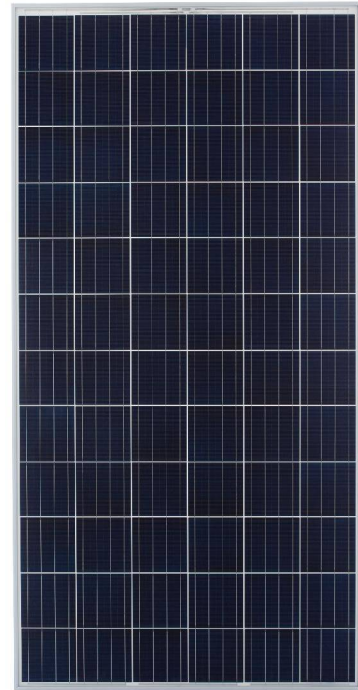
Excellent low light performance
3.5% relative eff. reduction at low-irradiance (200W/m²)



100% EL inline inspection
Better module reliability



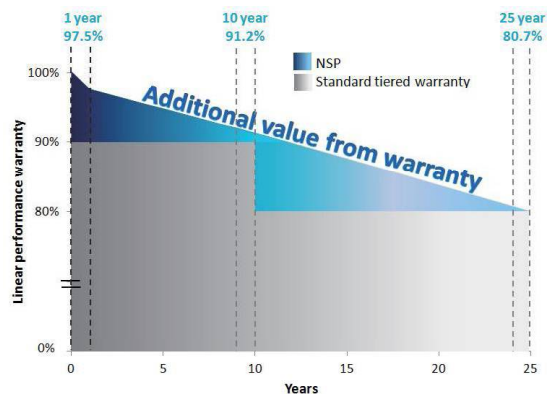
Ammonia resistance
According to IEC 62716 Ed. 1



Reliability & Certification

- Product guarantee: 10-year
- Linear Performance Warranty
 - 1-year: 97.5% power output then power degradation 0.7% per year till 25th year
 - 25-year: 80.7% power output
 - 10-year: 91.2% power output
- UL 1703, IEC 61215/IEC 61730, CE, MCS

* Please refer to NSP product warranty for details



For more information, please visit us at www.nsp.com



NEO SOLAR POWER

Electrical Data

MODEL	D6P 310 E4A	D6P 315 E4A	D6P 320 E4A	D6P 325 E4A	D6P 330 E4A	D6P 335 E4A
Maximum Rating Power (Pmax)	310 W	315 W	320 W	325 W	330 W	335 W
Module Efficiency	16.0%	16.2%	16.5%	16.7%	17.0%	17.3%
Open Circuit Voltage (Voc)	45.68 V	45.91 V	46.15 V	46.38 V	46.62 V	46.85 V
Maximum Power Voltage (Vpm)	37.01 V	37.18 V	37.36 V	37.52 V	37.68 V	37.85 V
Short Circuit Current (Isc)	8.92 A	9.01 A	9.10 A	9.19 A	9.28 A	9.33 A
Maximum Power Current (Ipm)	8.39 A	8.49 A	8.58 A	8.68 A	8.78 A	8.86 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

*Specifications subject to change

Mechanical Data

Item	Specification
Dimension	1956 mm (L) x 992 mm (W) x 40mm (D) / 77" (L) x 39.1" (W) x 1.57" (D)
Weight	25.5 kg / 56.2 lbs
Solar Cell	72 multicrystalline 6" silicon cells
Front Glass	Anti-reflective tempered solar glass, 4mm thickness
Cell Encapsulation	EVA (Ethylene-Vinyl-Acetate)
Back Cover	Composite film, white
Junction Box / Connector	IP 67 rated / MC4 compatible
Frame	Anodized aluminum frame, original or black
Packaging Configuration	26 pcs Per Pallet, 572 pcs Per 40' HQ container

Operating Conditions

Item	Specification
Mechanical Load	5400 Pa (According to IEC 61215)
Maximum System Voltage	DC 1000V
Series Fuse Rating	15 A
Operating Temperature	-40 to 85 °C

Temperature Characteristics

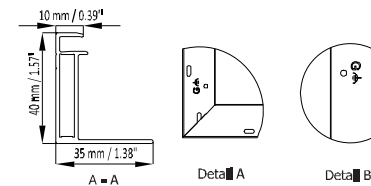
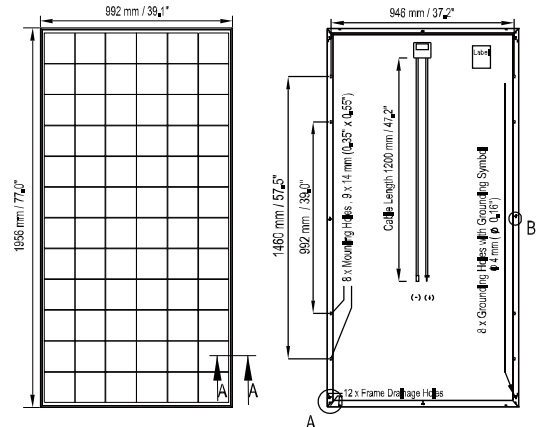
Item	Specification
Nominal Operating Cell Temperature	44°C ± 2°C
Temperature Coefficient of Isc	0.046 % / °C
Temperature Coefficient of Voc	-0.313 % / °C
Temperature Coefficient of Pmax	-0.420 % / °C

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

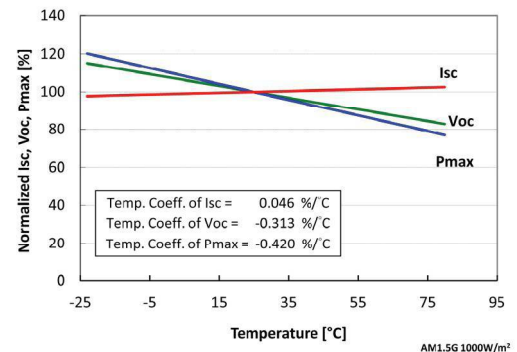
* Please refer to NSP's Standard Module Installation Manual before using the product

* Reduction in efficiency from 1000 W/m² to 200 W/m² at 25 °C: 3.5% ± 2 %

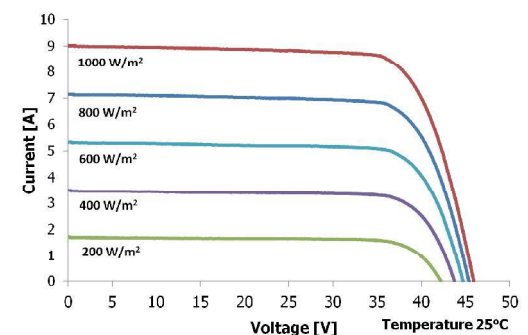
Front View & Back View



Dependence on Temperature



Dependence on Irradiance



Contact Us

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