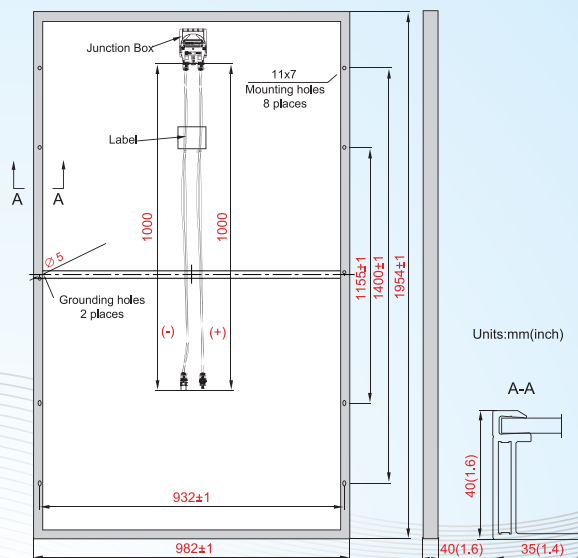
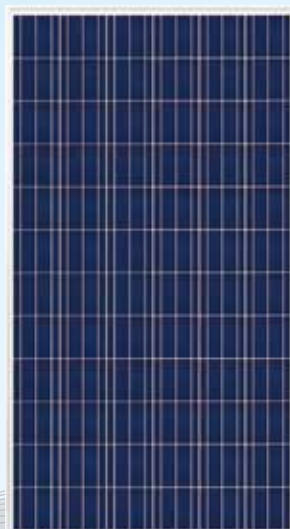


# NanoPV Polycrystalline Si Module P6-72

## NanoPV-C-320W P6-72



Temperature Coefficient	
Nominal operating cell temperature (NOCT)	44 °C ± 2 °C
Short-circuit current temperature coefficient	0.045%/ °C
Open-circuit voltage temperature coefficient	-0.31%/ °C
Peak power temperature coefficient	-0.41%/ °C
Power tolerance	0~+5%

Electrical Specification				
ELECTRICAL DATA @ STC	NPV-305	NPV-310	NPV-315	NPV-320
Peak Power Watts-Pmax(Wp)	305	310	315	320
Maximum Power Voltage - Vmp(V)	37.0	37.1	37.1	37.2
Maximum Power Current - Imp(A)	8.52	8.59	8.63	8.64
Open Circuit Voltage - Voc(V)	45.5	45.6	45.6	45.9
Short Circuit Current - Isc(A)	8.97	9.08	9.18	9.26
Module Efficiency (%)	16.0	16.4	16.68	16.83
Maximum System Voltage	1000VDC(IEC) / 600VDC(UL)			

Datas At Standard Test Conditions Stc(Air Mass AM1.5, Irradiance 1000W/m<sup>2</sup>, Cell Temperature 25 °C).

Packaging Details	
Number of modules per pallet	24
Number of pallets per 40'HQ container	22
Number of modules per 40'HQ container	528 pcs

Specifications	
Cell	Polycrystalline Silicon solar cells 156mm * 156 mm / 6 inch
No. of cells	72 (6 * 12) pcs
Dimension of module	1954 mm * 982 mm * 40 mm / 77 inch * 39 inch * 1.57 inch
Weight	22 kg
Front Glass	3.2 mm (0.13 inch ) tempered glass
Frame	Anodized aluminum alloy
Junction Box	IP65
Plug connector	IP67
Bypass-Diodes	6 pcs. (IEC) / 3 pcs. (UL)
Max. Fuse Current Rating	15 A
Type of Connector	MC4 or MC4 Comparable 0-1394462-4/6-1394461-2
Cable length:	2* 1000 mm / 2*39.4 inch

Warranty	
10-year Product Workmanship Warranty	
25 Years Lenear Power Warranty: !0 years at 90% of the rated power output, 25 years at 80% of the rated outpout power	

**Guarantee positive power tolerance: 0~+5%**

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