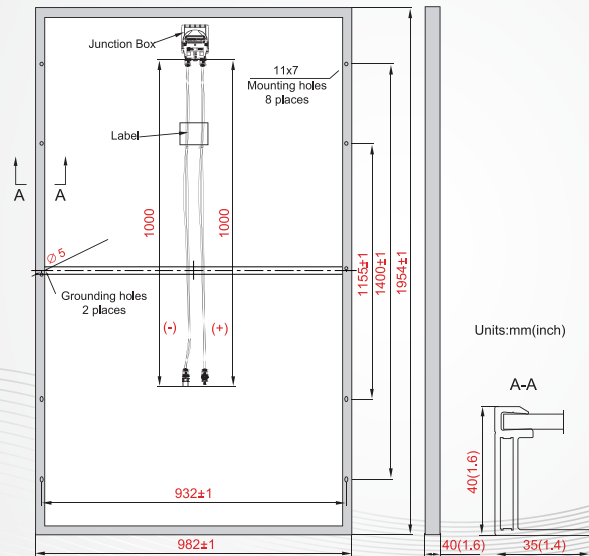
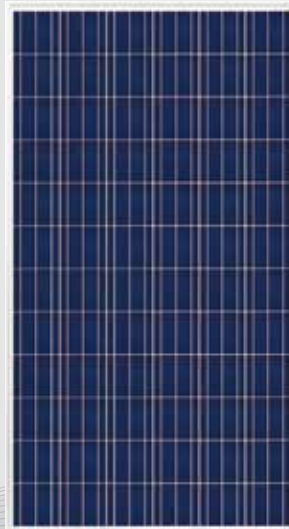


Poly Crystalline Silicon Solar Module

QSP6-72/305-320



Temperature Coefficient

Nominal operating cell temperature (NOCT)	45 °C ± 2 °C
Short-circuit current temperature coefficient	0.045%/ °C
Open-circuit voltage temperature coefficient	-0.34%/ °C
Peak power temperature coefficient	-0.42%/ °C
Power tolerance	0~+3%

Electrical Specification

ELECTRICAL DATA @ STC	QSP-305	QSP-310	QSP-315	QSP-320
Peak Power Watts-Pmax(Wp)	305	310	315	320
Maximum Power Voltage - Vmp(V)	36.3	36.4	36.6	36.8
Maximum Power Current - Imp(A)	8.41	8.52	8.61	8.69
Open Circuit Voltage - Voc(V)	44.8	44.9	45.1	45.3
Short Circuit Current - Isc(A)	8.97	9.08	9.18	9.26
Module Efficiency (%)	15.9	16.2	16.42	16.68
Maximum System Voltage	1000VDC(IEC) / 600VDC(UL)			

Datas At Standard Test Conditions Stc(Air Mass AM1.5, Irradiance 1000W/m², 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 limited product warranty

Limited performance warranty: 10 years at 90% of the minimal rated power output, 25years at 80% of the minimal rated power output

Guarantee positive power tolerance: 0~+3%

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