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## **Solar Panel Guide Specification Data Sheet**

**Nantong Qiangsheng Photovoltaic Technology Co.,  
Ltd.**

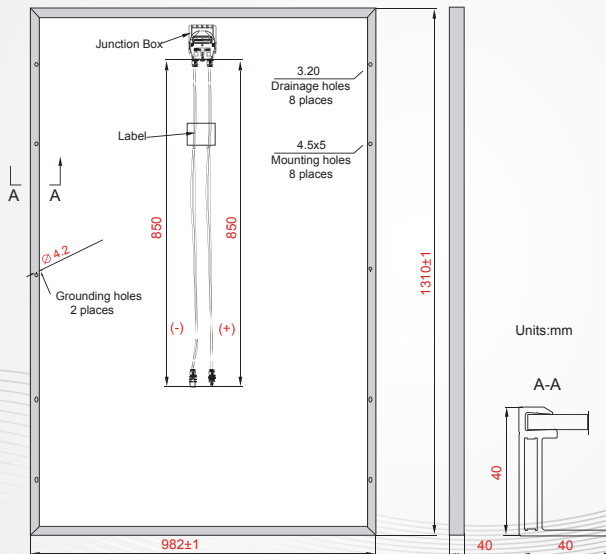
**QSP6-48/200-210W**

**QSP-205**

Also available on the web at  
[EnergyPal.com/nantong-qiangsheng-photovoltaic-technology-co-ltd-solar-panels/qsp-205](http://EnergyPal.com/nantong-qiangsheng-photovoltaic-technology-co-ltd-solar-panels/qsp-205)

# Poly Crystalline Silicon Solar Module

## QSP6-48/200-210



### Temperature Coefficient

Nominal operating cell temperature (NOCT)	45 °C ± 2 °C
Short-circuit current temperature coefficient	0.059%/ °C
Open-circuit voltage temperature coefficient	-0.32%/ °C
Peak power temperature coefficient	-0.43%/ °C
Power tolerance	0~+3%

### Electrical Specification

ELECTRICAL DATA @ STC	QSP-200	QSP-205	QSP-210
Peak Power Watts-Pmax(Wp)	200	205	210
Power Output tolerance - Pmax(%)	0/+3	0/+3	0/+3
Maximum Power Voltage - Vmp(V)	24.5	24.7	24.9
Maximum Power Current - Imp(A)	8.15	8.29	8.45
Open Circuit Voltage - Voc(V)	31.0	31.3	31.2
Short Circuit Current - Isc(A)	8.73	8.84	9.05
Module Efficiency (%)	15.55	15.94	16.32
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	26
Number of pallets per 40'HQ container	32
Number of modules per 40'HQ container	832 pcs

### Specifications

Cell	Polycrystalline Silicon solar cells 156 mm * 156 mm / 6 inch
No. of cells	48 ( 6 * 8 ) pcs
Dimension of module	1310 mm * 982 mm * 40 mm 51.6 inch * 39.0 inch * 1.57 inch
Weight	15 kg
Front Glass	3.2 mm (0.13 inch ) tempered glass
Frame	Anodized aluminum alloy
Junction Box	IP67
Plug connector	IP67
Bypass-Diodes	6 pcs. (IEC) / 3 pcs. (UL)
Max. Fuse Current Rating	15 A
Type of Connector	MC4 or MC4 Comparable R 50133919 0003
Cable length:	2 * 850 mm / 2 * 33.46 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%**

For further information on all QS Solar products, please contact:

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