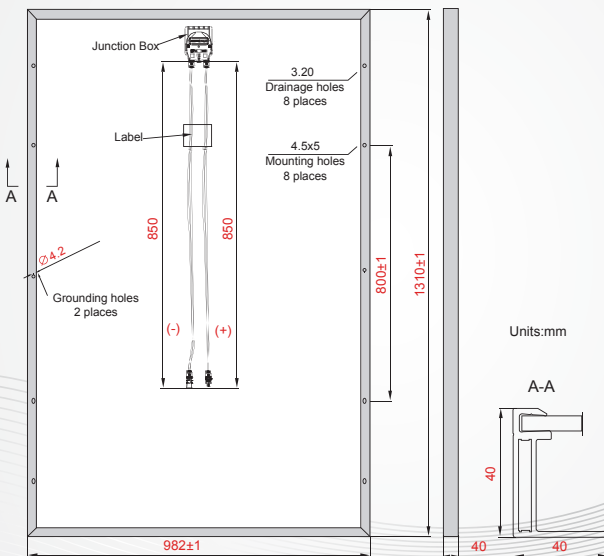


Mono Crystalline Silicon Solar Module

QSM6-48/210-220



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	QSM-210	QSM-215	QSM-220
Peak Power Watts-Pmax(Wp)	210	215	220
Power Output tolerance - Pmax(%)	0/+3	0/+3	0/+3
Maximum Power Voltage - Vmp(V)	24.2	24.4	24.6
Maximum Power Current - Imp(A)	8.69	8.81	8.94
Open Circuit Voltage - Voc(V)	30.7	30.9	31.1
Short Circuit Current - Isc(A)	9.34	9.41	9.48
Module Efficiency (%)	16.32	16.71	17.10
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	26
Number of pallets per 40'HQ container	32
Number of modules per 40'HQ container	690 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%

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