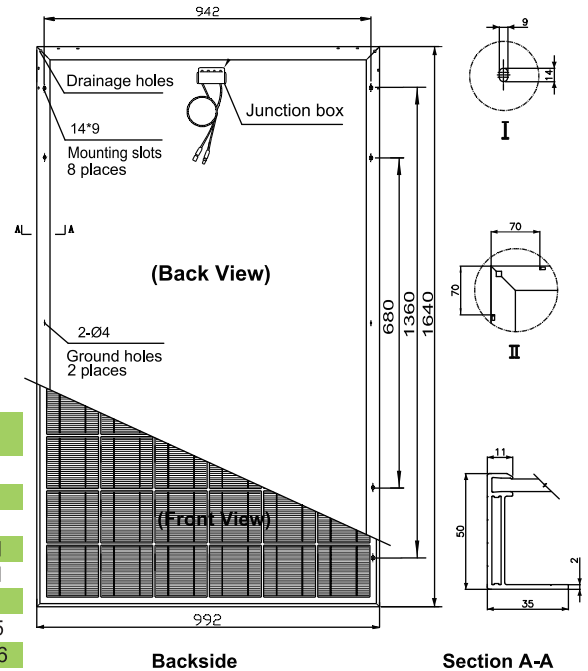
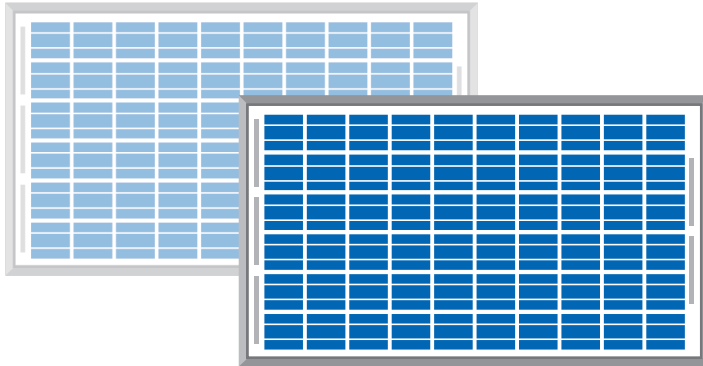




Qihong (shanghai) New Energy Technology Co., Ltd.

Photovoltaic Modules

QHP245W60 Photovoltaic modules 60pcs 156x156mm poly-crystalline silicon cell



MODULE		QHP245W60					
Encapsulation		Glass/EVA/Cell/EVA/TPT					
Size and Number of cells		156mm*156mm 60/6*10pcs					
Maximum Power (Pmax)	W	225	230	235	240	245	250
Cell efficiency	≥%	15.4	15.7	16.0	16.4	16.7	17.1
Module Efficiency	≥%	75.2	75.0	75.5	75.1	75.6	76.1
Tolerance	%	±3					
Open Circuit Voltage (Voc)	V	36.4	36.6	36.9	37.0	37.2	37.5
Short Circuit Current (Isc)	A	8.21	8.37	8.43	8.63	8.71	8.76
Maximum Power Voltage (Vmp)	V	30.0	30.2	30.2	30.4	30.6	30.7
Maximum Power Current (Imp)	A	7.50	7.62	7.78	7.89	8.01	8.15
Max.syst.Open Circuit Voltage	V	1000					
Diodes		6by-pass					
Dimension	mm	1640x992x40					
Weight	kg	21					
Operate Temp Scope	°C	-40~+85					
Relative humidity	%	0~100%					
Frame Thickness (mm)		Quantity/Container					
50mm		216pcs/20GP、504pcs/40GP、588pcs/40HQ					
45mm		240pcs/20GP、560pcs/40GP、644pcs/40HQ					
40mm		264pcs/20GP、616pcs/40GP、728pcs/40HQ					

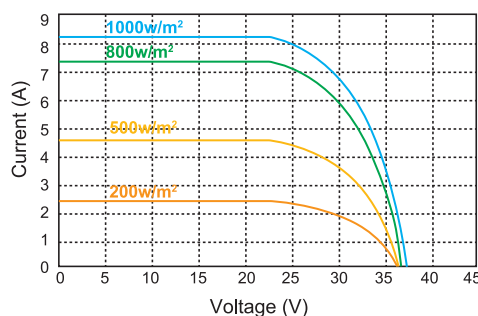
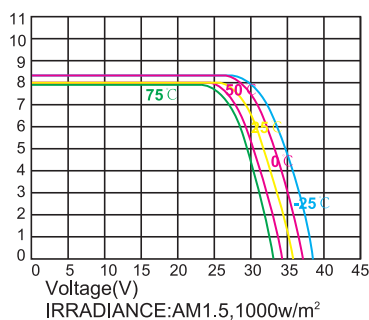
Temperature Coefficients

NOCT		46 C ±2 C
short-circuit-current temperature coefficient	α(Ist)	0.08%/C
open-circuit Voltage temperature coefficients	β(Voc)	-0.32%/C
peak power temperature coefficients	γ(Pmax)	-0.38%/C

NOCT: Nominal Operating Cell Temperature date is only for reference.

Output

Cable 4.0mm²(TUV) Length 900mm Connector MC Type



Photovoltaic modules 60pcs 156x156mm poly-crystalline silicon cell

The QHP245W series modules consist of 60pcs 156x156mm poly-crystalline high efficient silicon cells, which are individually characterized and electronically matched before interconnection and Laminated with toughened glass, EVA and TPT of high quality.

After assembled with anodized aluminum alloy frame, cable and junction box with MC4 connectors, QH solar modules can be installed easily and work for a long period. At the same time, they can withstand the storm, strong wind and hail impact, ect.

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