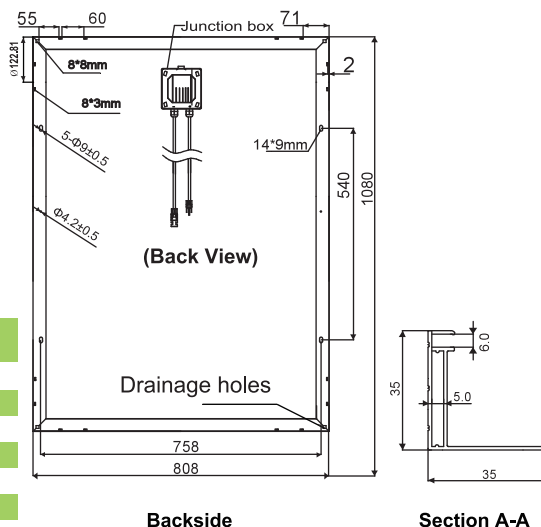
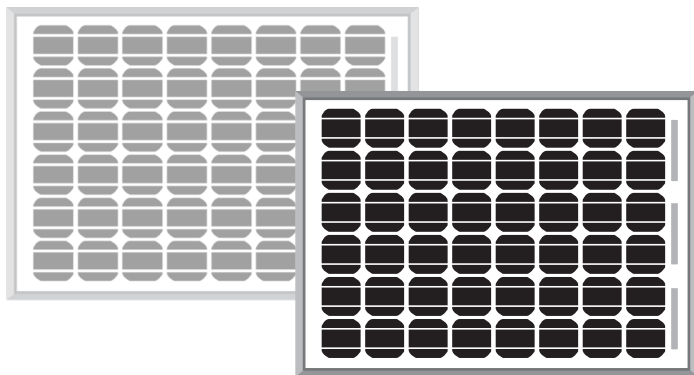




Qihong (shanghai) New Energy Technology Co., Ltd.

Photovoltaic Modules

QHM120W48 Photovoltaic modules 48pcs 125x125mm mono-crystalline silicon cell



MODULE		QHM120W48		
Encapsulation		Glass/EVA/Cell/EVA/TPT		
Size and Number of cells		125mm*125mm 48/6*8pcs		
Maximum Power (Pmax)	W	120	125	130
Cell efficiency	≥%	16.3	16.70	17.6
Module Efficiency	≥%	75	75.4	75.9
Tolerance	%	±3		
Open Circuit Voltage (Voc)	V	29.5	30	30.1
Short Circuit Current (Isc)	A	5.42	5.52	5.69
Maximum Power Voltage (Vmp)	V	24	24.2	24.4
Maximum Power Current (Imp)	A	5	5.17	5.33
Max.syst.Open Circuit Voltage	V	600		
Diodes		2by-pass		
Dimension	mm	1080x808x35		
Weight	kg	12		
Operate Temp Scope	°C	-40~+85		
Relative humidity	%	0~100%		
Frame Thickness (mm)		Quantity/Container		
35mm		450pcs/20GP、1140pcs/40GP、1290pcs/40HQ		

Photovoltaic modules 48pcs 125x125mm mono-crystalline silicon cell

The QHM120W series modules consist of 48pcs 125x125mm mono-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, etc.

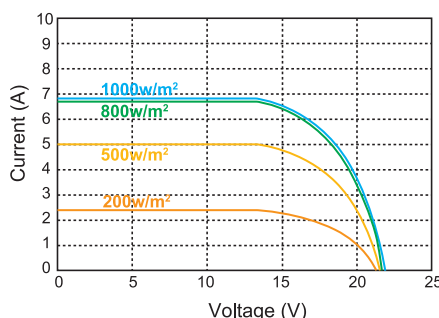
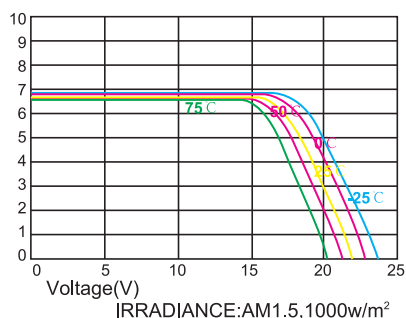
Temperature Coefficients

NOCT		45°C ±2°C
short-circuit-current temperature coefficient	$\alpha(I_{sc})$	0.10%/°C
open-circuit Voltage temperature coefficients	$\beta(V_{oc})$	-0.38%/°C
peak power temperature coefficients	$\gamma(P_{max})$	-0.47%/°C

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

Output

Cable 2.5mm²(TUV) Length 900mm Connector MC Type



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