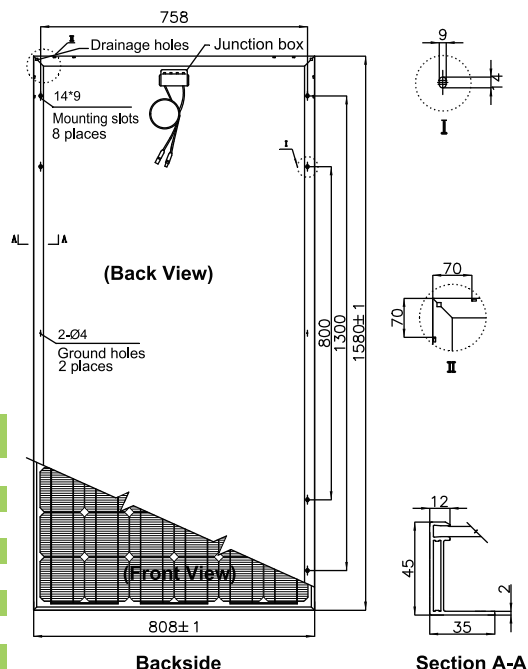
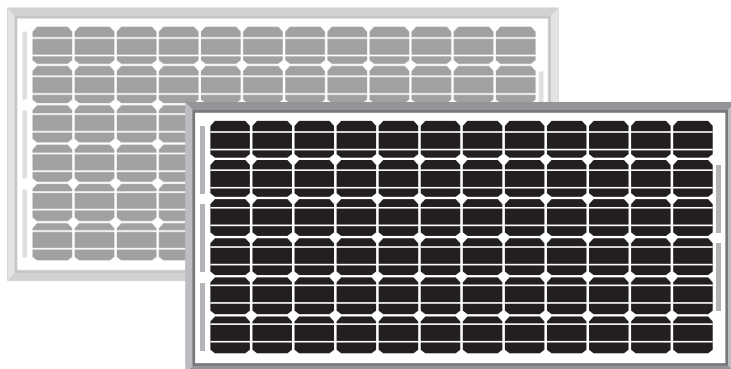




# Qihong ( shanghai ) New Energy Technology Co., Ltd.

## Photovoltaic Modules

### QHM200W72 Photovoltaic modules 72pcs 125x125mm mono-crystalline silicon cell



MODULE		QHM200W72				
Encapsulation		Glass/EVA/Cell/EVA/TPT				
Size and Number of cells		125mm*125mm 72/6*12pcs				
Maximum Power (Pmax)	W	180	185	190	195	200
Cell efficiency	≥%	16.5	16.6	17.0	17.4	17.8
Module Efficiency	≥%	75	75.6	75.9	76.1	75.5
Tolerance	%	±3				
Open Circuit Voltage (Voc)	V	44.6	44.8	45.1	45.3	45.5
Short Circuit Current (Isc)	A	5.38	5.46	5.51	5.65	5.82
Maximum Power Voltage (Vmp)	V	36	36.2	36.2	36.4	36.6
Maximum Power Current (Imp)	A	5.00	5.11	5.25	5.36	5.46
Max.syst.Open Circuit Voltage	V	1000				
Diodes		6by-pass				
Dimension	mm	1580x808x40				
Weight	kg	16				
Operate Temp Scope	°C	-40~+85				
Relative humidity	%	0~100%				
Frame Thickness (mm)		Quantity/Container				
40mm		300pcs/20GP、700pcs/40GP、700pcs/40HQ				
35mm		336pcs/20GP、784pcs/40GP、784pcs/40HQ				

#### Photovoltaic modules 72pcs 125x125mm mono-crystalline silicon cell

The QHM200W series modules consist of 72pcs 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.

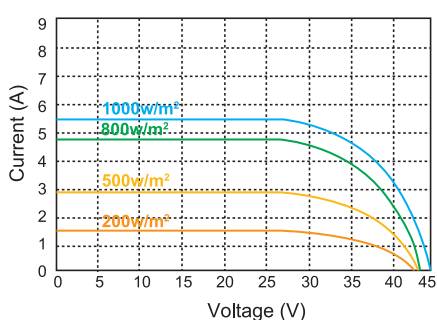
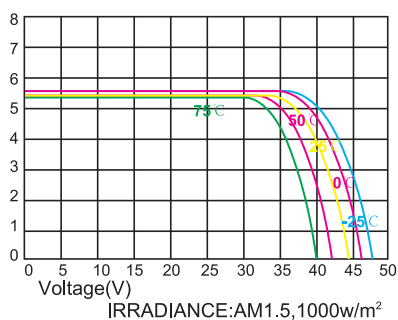
#### Temperature Coefficients

NOCT		45°C ±2°C
short-circuit-current temperature coefficient	α(Isc)	0.10%/°C
open-circuit Voltage temperature coefficients	β(Voc)	-0.38%/°C
peak power temperature coefficients	γ(Pmax)	-0.47%/°C

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

#### Output

Cable 4.0mm<sup>2</sup>(TUV)      Length 900mm      Connector MC Type



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