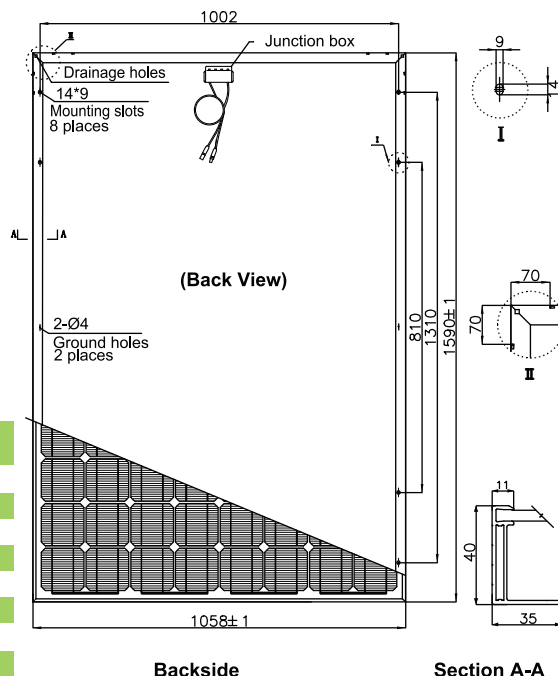
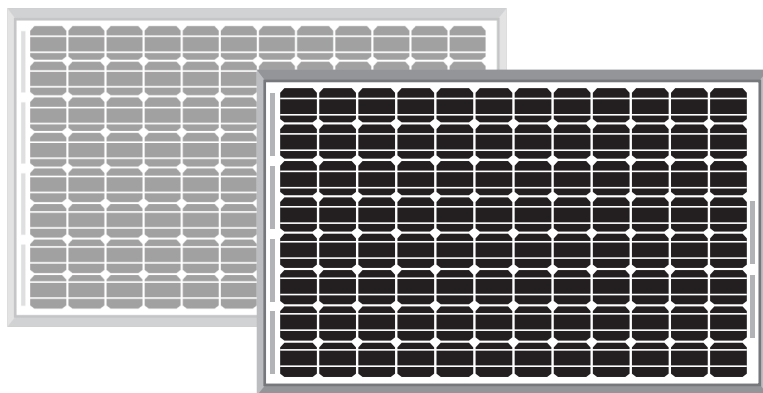




# Qihong ( shanghai ) New Energy Technology Co., Ltd.

## Photovoltaic Modules

### **QHM260W96** Photovoltaic modules 96pcs 125x125mm mono-crystalline silicon cell



MODULE		QHM260W96						
Encapsulation		Glass/EVA/Cell/EVA/TPT						
Size and Number of cells		125mm*125mm 96/8*12pcs						
Maximum Power ( Pmax )	W	240	245	250	255	260	265	270
Cell efficiency	≥%	16.4	16.5	16.8	17.2	17.6	17.9	18
Module Efficiency	≥%	75.0	75.3	75.5	76	75.4	75.9	76.2
Tolerance	%	±3						
Open Circuit Voltage ( Voc )	V	57.4	57.6	57.8	58.1	58.3	58.5	58.7
Short Circuit Current ( Isc )	A	5.57	5.64	5.72	5.77	5.91	5.96	6.03
Maximum Power Voltage ( Vmp )	V	48	48.2	48.2	48.4	48.6	48.8	49.0
Maximum Power Current ( Imp )	A	5.0	5.08	5.19	5.27	5.35	5.43	5.51
Max.syst.Open Circuit Voltage	V	1000						
Diodes		4by-pass						
Dimension	mm	1590x1058x50						
Weight	kg	21						
Operate Temp Scope	℃	-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						

### Photovoltaic modules 96pcs 125x125mm mono-crystalline silicon cell

The QHM260W series modules consist of 96pcs 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.

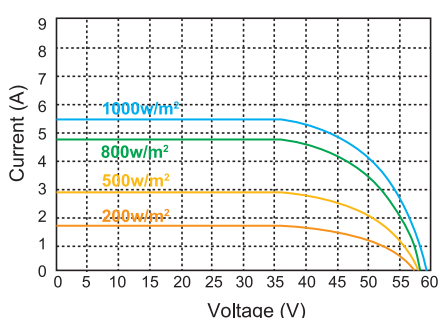
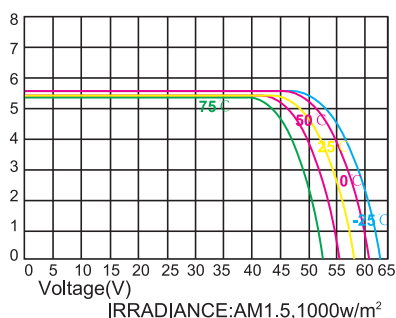
After assembled with anodized aluminum alloy frame, cable and junction box with MC4 connectors, QH solar modules can be installed easily and work for a long period. At the same time, they can withstand the storm, strong wind and hail impact, etc.

### Temperature Coefficients

NOCT		45℃±2℃
short-circuit-current temperature coefficient	α(I <sub>sc</sub> )	0.10%/℃
open-circuit Voltage temperature coefficients	β(V <sub>oc</sub> )	-0.38%/℃
peak power temperature coefficients	γ(P <sub>max</sub> )	-0.47%/℃
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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