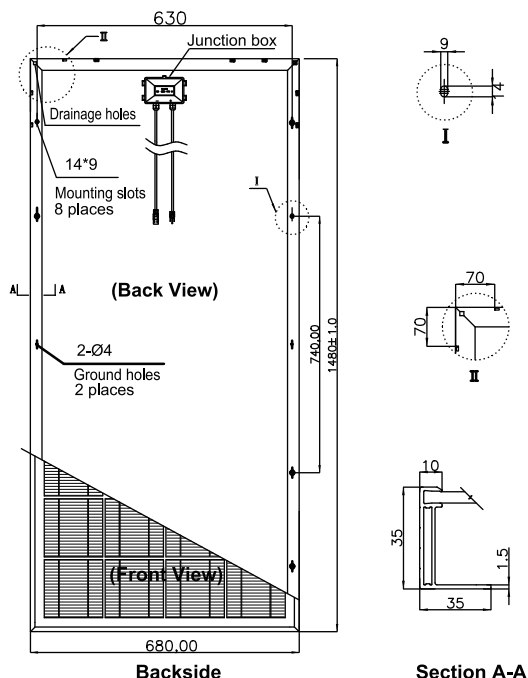
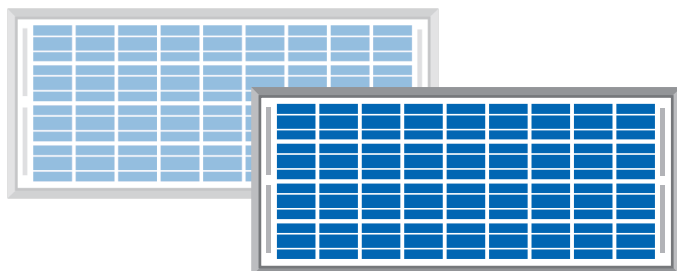




Qihong (shanghai) New Energy Technology Co., Ltd.

Photovoltaic Modules

QHP145W36 Photovoltaic modules 36pcs 156x156mm poly-crystalline silicon cell



MODULE		QHP145W36				
Encapsulation		Glass/EVA/Cell/EVA/TPT				
Size and Number of cells		156mm*156mm 36/9*4pcs				
Maximum Power (Pmax)	W	130	135	140	145	150
Cell efficiency	≥%	15.0	15.4	15.9	16.4	17.1
Module Efficiency	≥%	74.8	75.0	75.4	75.3	75.6
Tolerance	%	±3				
Open Circuit Voltage (Voc)	V	21.6	21.8	22.3	22.5	23.1
Short Circuit Current (Isc)	A	8.04	8.25	8.32	8.55	8.58
Maximum Power Voltage (Vmp)	V	18.0	18.2	18.4	18.4	18.6
Maximum Power Current (Imp)	A	7.22	7.42	7.61	7.88	8.06
Max.syst.Open Circuit Voltage	V	600				
Diodes		2by-pass				
Dimension	mm	1480x680x35				
Weight	kg	12				
Operate Temp Scope	℃	-40~+85				
Relative humidity	%	0~100%				
Frame Thickness (mm)		Quantity/Container				
35mm		392pcs/20GP、 840pcs/40GP、 840pcs/40HQ				

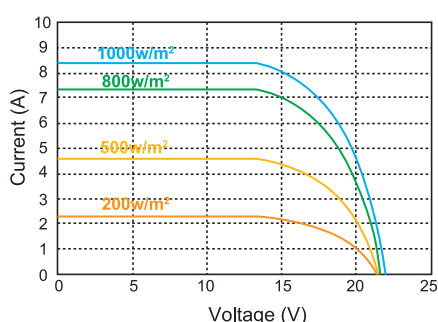
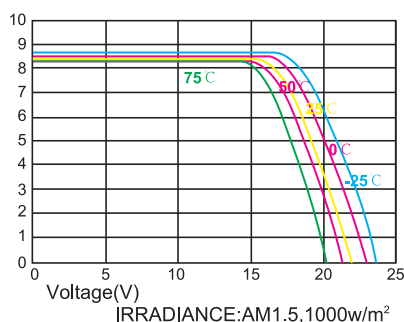
Temperature Coefficients

NOCT		46℃±2℃
short-circuit-current temperature coefficient	$\alpha(I_{sc})$	0.08%/℃
open-circuit Voltage temperature coefficients	$\beta(V_{oc})$	-0.32%/℃
peak power temperature coefficients	$\gamma(P_{max})$	-0.38%/℃

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

Output

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



Photovoltaic modules 36pcs 156x156mm poly-crystalline silicon cell

The QHP145W series modules consist of 36pcs 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, etc.

Add: No.500 chuan sha road, pudong

New Area, changhai, China

Fax: +86-21-61198701

Tel: +86-21-61550771

P.C: 200000

E-mail: info@qh-energy.com

WWW.qh-energy.com

