

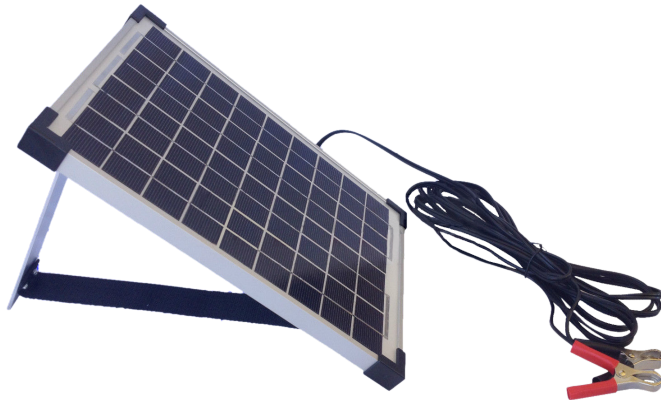


Qihong (shanghai) New Energy Technology Co., Ltd.

Photovoltaic Modules

QHMF10W36

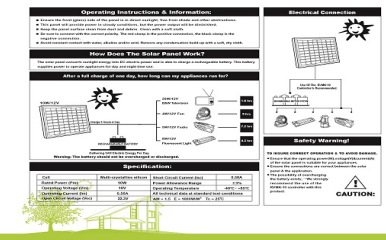
Photovoltaic modules
36pcs 31.2x47.5mm mono-crystalline silicon cell



PORTABLE SOLAR CHARGING PANEL



PORTABLE SOLAR CHARGING PANEL



MODULE		QHMF10W36
Encapsulation		Glass/EVA/Cell/EVA/TPT
Size and Number of cells		31.2mm*47.5mm 36/4*9pcs
Maximum Power (Pmax)	W	10
Cell efficiency	≥%	14.9
Module Efficiency	≥%	75.1
Tolerance	%	±3
Open Circuit Voltage (Voc)	V	21.6
Short Circuit Current (Isc)	A	0.61
Maximum Power Voltage (Vmp)	V	18
Maximum Power Current (Imp)	A	0.56
Max.syst.Open Circuit Voltage	V	600
Diodes		1by-pass
Dimension	mm	340x230x17
Weight	kg	1.2
Operate Temp Scope	°C	-40~+85
Relative humidity	%	0~100%
Frame Thickness (mm)		Quantity/Container
25mm		9300pcs/20GP、 19000pcs/40GP、 22000pcs/40HQ

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.

Photovoltaic modules 36pcs 39x42mm mono-crystalline silicon cell

The QHM10W series modules consist of 36pcs 31.5x47.5mm 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 2A Controllers, 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.

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

