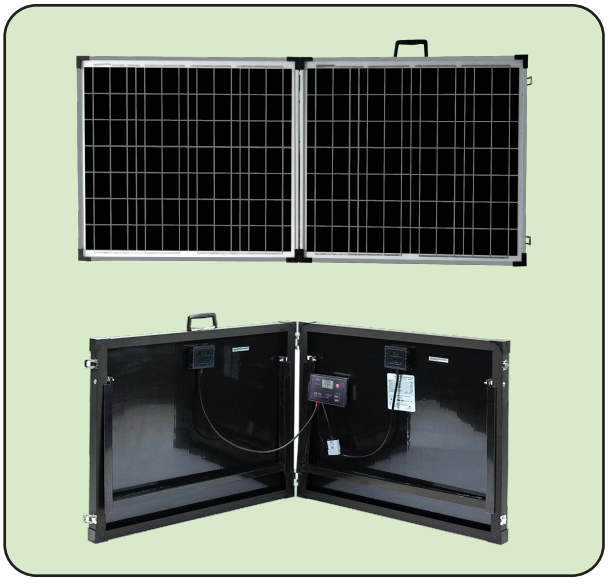
Qihong (shanghai) New Energy Technology Co., Ltd.

Photovoltaic Modules

FOLDABLE

Photovoltaic modules
156x156mm poly-crystalline silicon cell



FOLDABLE PANEL MODULE

		QHP-2F-80W	QHP-2F-100W	QHP-2F-120W	QHP-2F-140W	QHP-2F-160W	QHP-3F-180W	QHP-3F-240W
Encapsulation		Glass/EVA/Cell/EVA/TPT						
Maximum Power（Pmax）	W	80	100	120	140	160	180	240
Cell efficiency	≥%	16.6	17.2	17.10	17.50	18.2	17.6	18.2
Module Efficiency	≥%	80	76.2	75.7	76.2	75.6	76.4	76.8
Tolerance	%	±3						
Open Circuit Voltage（Voc）	V	23.5	22.4	21.7	21.3	22.3	21.6	22.1
Short Circuit Current（Isc）	A	4.24	5.85	7.30	8.62	9.47	10.9	14.12
Maximum Power Voltage（Vmp）	V	20	18.1	17.4	17.2	17.9	17.5	18
Maximum Power Current（Imp）	A	4	5.52	6.89	8.14	8.94	10.29	13.33
Max.syst.Open Circuit Voltage	V	1000	1000	1000	1000	1000	1000	1000
controller:		PMW/MPPT	PMW/MPPT	PMW/MPPT	PMW/MPPT	PMW/MPPT	PMW/MPPT	PMW/MPPT
Dimensions when folded Dimensions	mm mm	675x460x70 1350x460x35	675x540x70 1350x540x35	675x620x70 1350x620x35	700x675x70 1350x700x35	780x675x70 1350x780x35	675x620x105 2025x620x35	780x675x105 2025x780x35
Weight	kg	11.1	12.6	13.6	15.1	16.2	18.0	23.4
Operate Temp Scope	℃	-40~+85	-40~+85	-40~+85	-40~+85	-40~+85	-40~+85	-40~+85
Relative humidity	%	0~100%	0~100%	0~100%	0~100%	0~100%	0~100%	0~100%
Frame Thinkness（mm）		35	35	35	35	35	35	35
Qty/Container	20"GP	570	520	480	410	380	350	280
	40"GP	1200	1090	1000	860	800	730	590
	40"HQ	1410	1280	1170	1010	940	860	700

Photovoltaic modules 156x156mm poly-crystalline silicon cell

Folding panel Accessories list

1.Smart controller X1

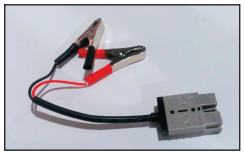
2.10 meter cable with Anderson or MC4 connector x 1

3.30cm cable of alligator clip with Anderson connector x 1

4. 1 + 10USB multifunction data cable (charging cable) x 1

5.Portable backpack X1

6.User Manual x 1



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

CEC ISO IEC CE UL