



G&P New Energy Solutions

# Folding Solar Module

## GPM-2F-160W

Photovoltaic modules  
mono-crystalline silicon cell



## Strengths

- Tolerance: 0+3%
- Plug&Play Connectors
- High transmission, low Iron Tempered Glass
- Bypass Diodes Protection
- Salt Mist And Ammonia Resistance Test

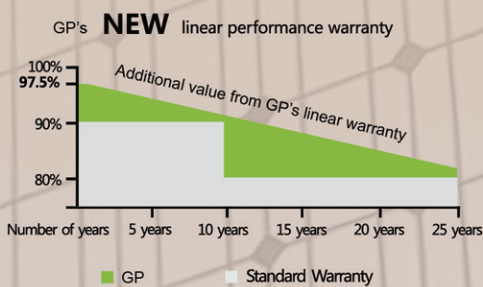


## Warranty

- Manufacturing 12 Years
- Power Production 90%:12years 80%:25years

## Insurance

Insured  
By CHUBB



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## Photovoltaic Modules

Folding Module	GPM-2F-160W							
Encapsulation	Glass/EVA/Cell/EVA/Backsheet							
Maximum Power Pmax	W	80	100	120	140	160	180	240
Maximum Power Voltage (Vmp)	V	20	18	18	16	17.9	18	18
Maximum Power Current (Imp)	A	4	5.56	6.67	8.75	8.94	10	13.33
Open Circuit Voltage (Voc)	V	23.5	22.2	22.5	20	22.5	22.5	22.5
Short Circuit Current (Isc)	A	4.54	5.93	7.67	9.33	9.48	11.5	14.22
Cell Efficiency	%	16	16.5	17.10	17.5	17.6	16.9	17.5
Module Efficiency	%	13.2	13.7	14.3	15	15.3	14.3	15.3
Dimension	mm	1350*460*35	1350*540*35	1100*840*35	1350*675*35	1350*780*35	1650*840*35	2025*780*35
Dimension when folded	mm	675*460*70	675*540*70	840*550*70	700*675*70	780*675*70	840*550*105	780*675*105
Weight	kg	11.1	12.6	13.6	15.1	16.2	18	23.4
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
Tolerance	0+3%							
Max System Open Circuit Voltage	1000V							
Controller	PMW/MPPT							
Operate Temperature Scope	-40/+ 85°C							
Relative Humidity	0~100%							
Frame Thinkness	35mm							
Frame Colour	Gold/Brown/Black/Silver							

## Description

- 1、 PMW controller×1
- 2、 10 meter cable with Anderson or MC4 connector×1
- 3、 30cm cable of alligator clip with Anderson connector×1
- 4、 1m cable of Cigarette Lighter with Anderson(Optional Item)
- 5、 Carry bag×1
- 6、 User Manual×1



## Features

- 1、 Equipped with handbag ,applicable any time any where Many components can be combined together to save space
- 2、 High efficiency solar PV modules with excellent performance .
- 3、 provide customer design service

