

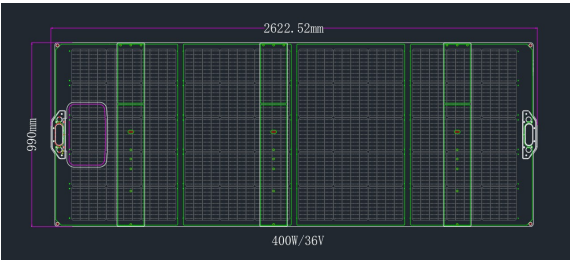

Technical Specification

Product Name: 400W Foldable Solar Panel

Model NO.: 400W

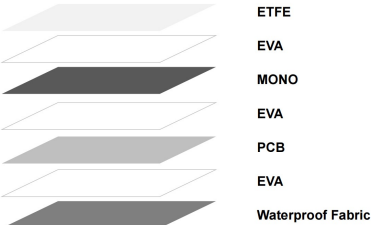
Compile Date: 2024.07.17

Customers Sign Back	
Recognized by	
Approved by	
Date	
Remarks	

General Specification			
Product Name	400W Folding Solar Panel	Product Model NO.	400W
HS Code (Standard)		Cell Type	Mono Cell
HS Code (USA)		Peak Power	400W
 		Vmp	36V
		Imp	11.1A
		Maximum System Voltage	4000V
		Voc	43V
		Isc	13.8A
		Tolerance	±5%
		Conversion efficiency	22%~23.4%
		Output Port	MC4 1.5m
		Unfolded Size	2620*990*25mm
		Folded Size	700*990*40mm
Total transmittance	95%	Net Weight	12.5 KG
Working temperature	-20℃~60℃	Maximum power temperature Coefficient	-0.45%/℃

Open circuit voltage temperature coefficient	-0.35%/°C	Temperature coefficient of short circuit current	+0.05%/°C
Test standard conditions	Am1.5 25°C 4000W/m ²		
Moisture permeability	40°C/90%RH g/M ² .Day 10.2		
Water absorption rate	2.5%(24H)		
Remarks	Testing environment (STC): Spectral energy: 1KW/m ² 。 Air pressure AM=1.5 , The light conditions are 38000W Lux (Lighting unit) Electronic load test.		

Main Material Specification

ETFE+EVA+MonoCell+EVA+PCB+EVA+Waterproof fabroc 	Main Material Or Structure Composition	Cells Type	182*182
		ETFT	0.2mm
		EVA (mm)	0.45+0.35+0.35+0.35+0.3
		PV Welded Ribbon	2.0*0.1mm/1.6*0.1mm
		Fabric	

Package Specification

Unit Box Size(CM)	Unit Box Weight(KG)	Qty/Carton(PCS)	Unit Carton Weight(KG)	Unit Carton Size(CM)
CM	KG	1	KG	CM
The preparation:		Review:	Approval:	

Notice or Attention

1. Please do not scratch the surface of solar panel with sharp objects;
2. When charged by solar, please place the solar panel upward in strong sunlight directly to ensure the best charging effect. Please keep the solar panel dry, avoid rainy days or water;

Appearance Requirements

The product surface shall be free of dirt and glue print left .

Packaging Standard

Not special demand or as customer demand

Use and Storage Environment

1. Storage conditions: temperature arrange(-20°C ~ 60°C)
2. Outdoor environment with sunlight
3. Working environment: - 20 °C ~ 60 °C

Quality guarantee period

12 months.