MPPTSUN®
易 科

DONGGUAN SUNWORLD CO.,LTD

SUNWORLD Founded in **2011,**

It is a **Hong Kong** funded enterprise focusing on high quality Solar panels. It owned production factory, located in Dongguan City，**JinBoLi** Industry Park, Specializes in the production, R & D and sales of solar panels, flexible solar panels, controllers, folding bags and power generation systems.

The products are widely used in photovoltaic power generation system, off grid power generation, outdoor power supply, RV, street lamp, monitoring and security, water conservancy monitoring, Internet of things power generation and other fields,

With 12 years of foreign trade export experience, the products are exported to the United States, the European Union, Japan, more than 50 countries , and the factory has obtained **ISO9001, IEC, CE, ROHS, SGS, CNAS, Cerfication.**

SUNWORLD has been committed to becoming a world-class supplier of solar green energy solutions, serving the whole mankind





SWB120W Foldable Solar Panel Spe

1、 Electrical parameters

Model	SWB120W
Maximum Power	120W
Voltage at Pmax	18.68V
Current at Pmax	6.42A
Open-Circuit Voltage	22.30V
Short-Circuit Current	6.76A
Solar Cell Efficiency	20%-22%
Waterproof degree	**IP65**
Voltage Output	12V DC5521 *1 5V USB *2
Working Temp	-20℃-+50℃
Power Tolerance	±5%
(STC): irradiation1000w/ ㎡, temperature 25 ℃, air quality AM1.5, output power error: ± 5%]	

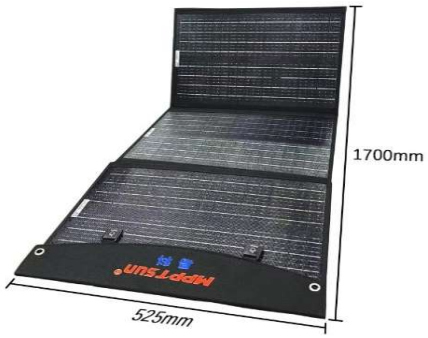
2、 Mechanical Parameters

Panel Connection	18V in Parallel per each panel
Solar Cell Type	Monocrystalline
Cell main line	9BB/12BB
Cloth Material	900D Oxford cloth
Folded panels	30W 18V*4
Weight	3.8KG
Support Bracket	Yes
Fold/Unfold Size	525mm*380mm/1700mm*525mm
Built-in Junction Box	IP65 with DC5521&USB Port
Accessories	1: MC4 to DC5521 cable 150cm *1 2: DC5521 to DC5521 cable 150cm *1 3: Ten in One adapter Kit *1
Laminated Structure	ETFE+EVA+Cell+EVA+PET+EVA
Package	Interior: Bubble bag ； Exterior: Carton

3、Product Picture



120W Fold Dimensions



120W Unfold Dimensions

4、Junction Box

Dual USB Design
DC5521 Output
This Product could offer
Stabilize and Fast output.

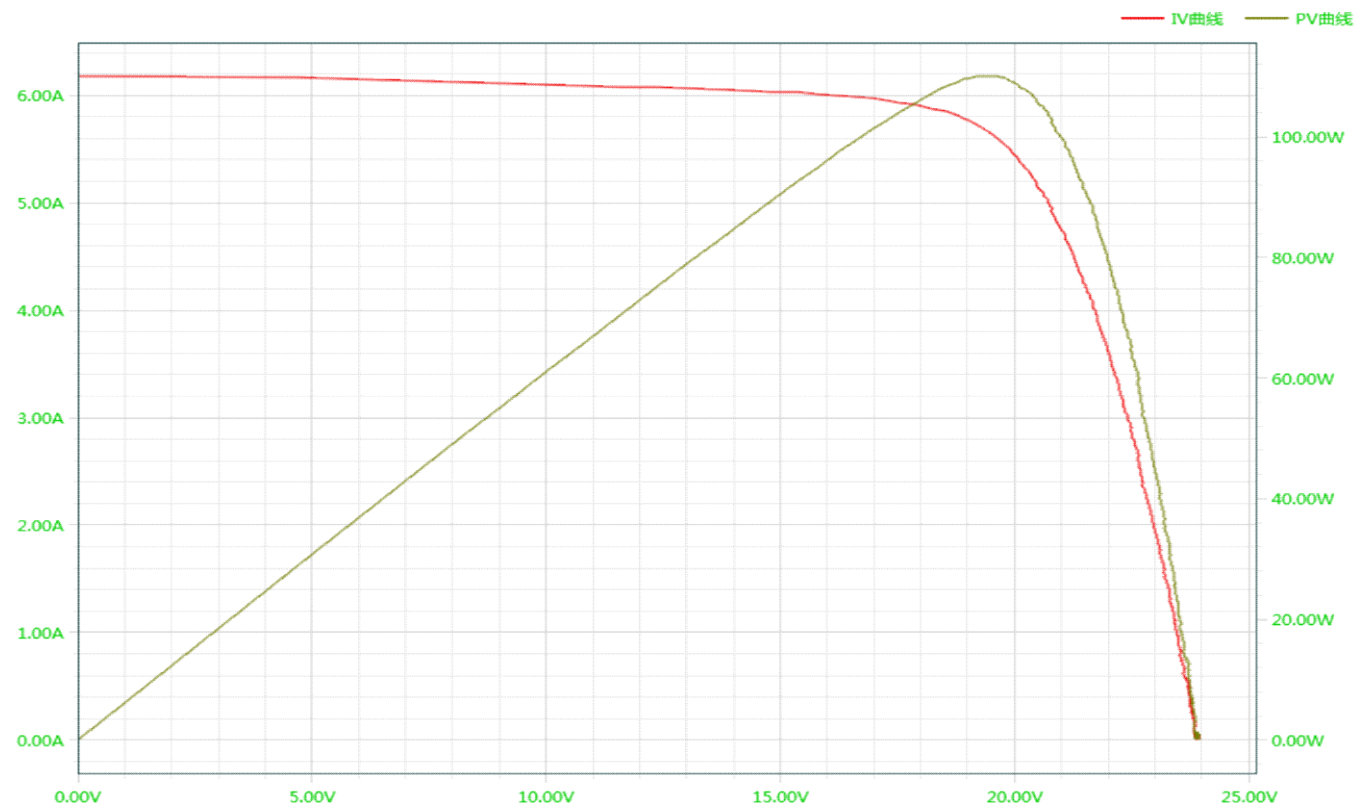




Multi

This product Includes many
kind adapter kits.
Could offer power supply
directly for outdoor solar kits.

4、IV and PV Curve Chart



5、Package



Interior



Exterior



5Pcs Details



5Pcs Box