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





SWB105W Foldable Solar Panel Spe

1、 Electrical parameters

Model	SWB105W
Maximum Power	105W
Voltage at Pmax	18.68V
Current at Pmax	5.62A
Open-Circuit Voltage	22.30V
Short-Circuit Current	5.92A
Solar Cell Efficiency	20%-22%
Waterproof degree	**IP65**
PCB Thickness	**1.5mm**(enhanced)
Voltage Output	12V DC5521 *1 5V USB *2
Working Temp	-20℃-+50℃
(STC): irradiation1000w/ ㎡, temperature 25 ℃, air quality AM1.5, output power error: ± 5%]	

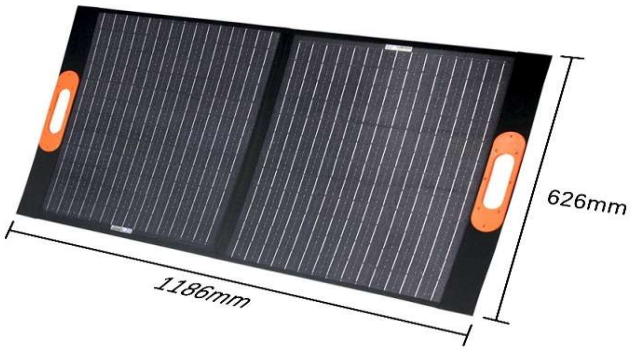
2、Mechanical Parameters

Panel Connection	18V in Parallel of each panel
Solar Cell Type	Monocrystalline
Cell main line	9BB/12BB
Handle	ABS/Magnetic
Folded panels	52.5W 18V *2
Weight	3.8KG
Fold/Unfold Size	626mm*591mm/1186mm*626mm
Support Bracket	Yes
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+PCB
Package	Interior: Bubble bag ； Exterior: Carton

3、Product Picture



105W Fold Dimensions



105W Unfold Dimensions

4、Junction Box

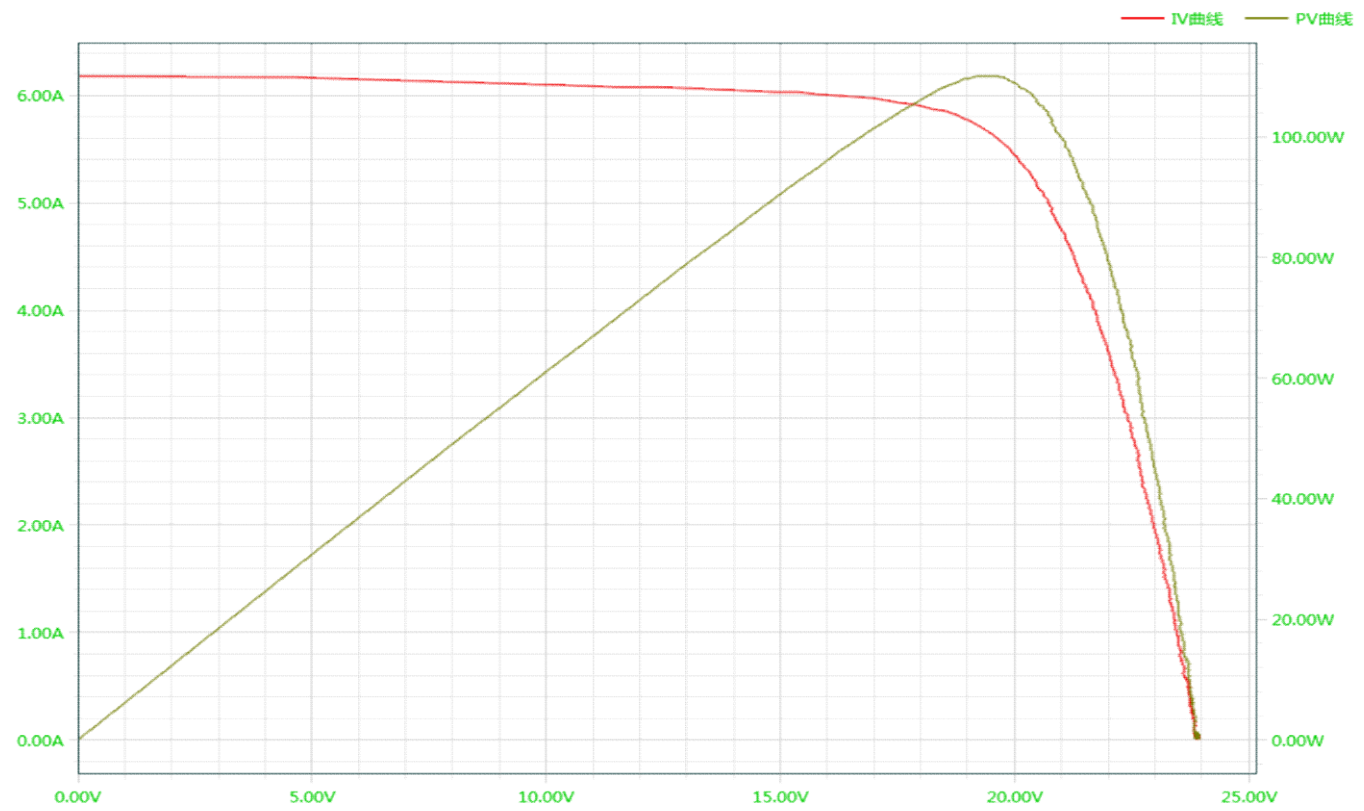
Dual USB Design
DC5521 Output
This Product could offer
Stabilize and Fast output.





Multi
Accessories
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



6Pcs Details



6Pcs Box