

# 封底

# 封面

## Question

### What factors may affect the solar conversion rate?

1. The weather condition.
2. Working environment temperature.
3. The length of solar panels
4. The angle from the panels to sunlight.

### How to decide the number of panels required to recharge?

1. The output power of solar panels should fit the recommended voltage.
2. The max open circuit voltage is not able to exceed in the max input voltage of power station.
3. The gross output current of solar panels should be between the recommended working voltage.

☀ When using multiple solar panels in series or parallel, please make sure that the accumulated maximum voltage and current of the solar panels does not exceed in the maximum voltage and current of the power station.

### Is it waterproof?

In order to maximize the lifespan of the solar panel, please try not to get it wet or soak the solar panel into water.

## Contact us

If you have any questions, request a replacement or refund for defective produce, please email us. We will get you back as soon as possible.

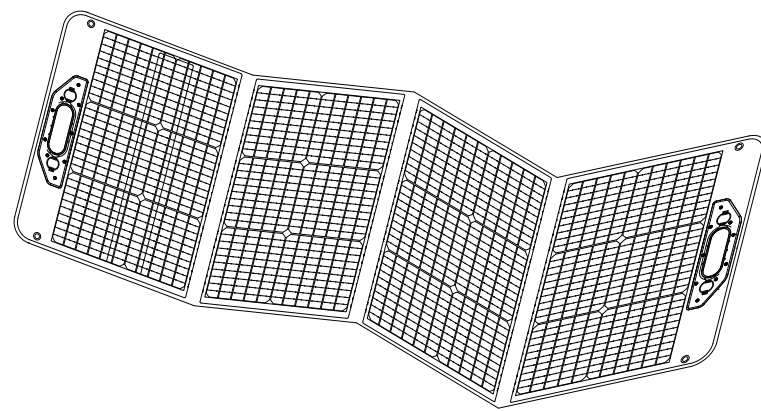


Unlock helpful tips, safety info, and everything you need to get the most out of your new Solar panel.

# CYGNETT

## 100W Solar Panel

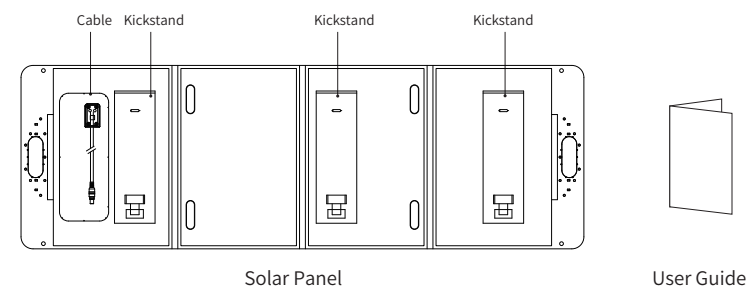
CY5870CYFSP  
100W ETFE Folding Solar Panel



## User Guide

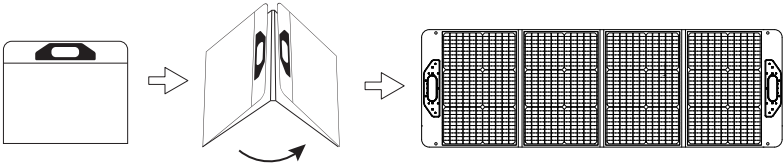
**Cygnett Pty Ltd** 858 Lorimer St, Port Melbourne, Victoria 3207 Australia  
**Cygnett USA Inc** 3838 W Carson St, Ste 220, Torrance, CA 90503  
**Cygnett UK Ltd** 71-75 Shelton St, London, WC2H 9JQ  
**Cygnett NZ Ltd** Level 9, 45 Queen Street, Auckland 1010  
**Cygnett EU Authorised Representative** 24hour-AR, Van Nelleweg 1, 3044 BC Rotterdam, The Netherlands

## What is in the box

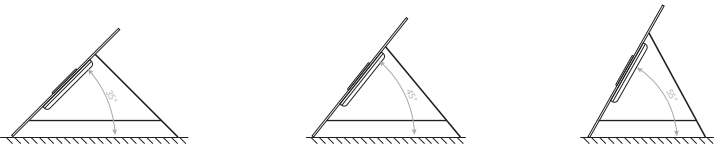


## How to use

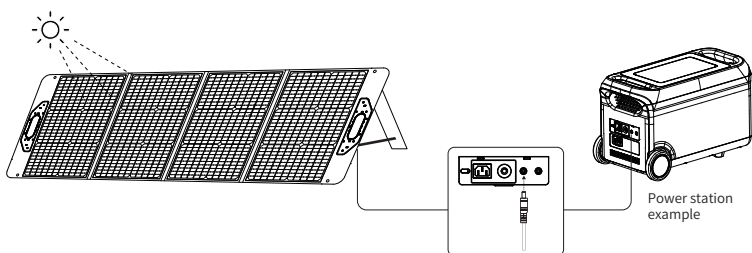
### 1 Unfold



### 2 Adjust the kickstand



### 3 Connect to power station



Note: Whether connected in series or parallel, make sure the total voltage of solar panels is under the power station's input voltage limit.

## Technical Details

Peak Power(Pm)	100W
Solar Cell Lamination	ETFE
Cell Efficiency	Up to 23.4%
Voltage at Max Power(Vmp)	18V
Current at Max Power(Imp)	6.1A
Open Circuit Voltage(voc)	23.4V
Short Circuit Current(Isc)	7.32A
Operating Temperature	-10°C~+65°C
Best Working Temperature	+25°C
Folding Number	4
Dimension(unfolded)	1630*535mm
Dimension(folded)	445*535mm
Weight	5.27kg
Warranty	12 months

## Safety Tips

- Do not bend the solar panel.
- Do not soak the solar panel into water or any other liquid.
- Do not use or store this solar panel near fire or heater.
- Do not scratch the solar panel with sharp objects.
- Do not disassemble the solar panel by yourself.
- Do not put corrosive substance on this solar panel.
- Ensure shade from trees, buildings, and any other obstructions do not block sunlight while using the panels.
- Do not use this product as a children's toy.
- Please note that the solar panel may be damaged by falling or impact.
- During recharging, keep your portable power station away from heat and direct sunlight to extend its life span.



No fall



No soak



No bend



No shading



No scratch