

**Togo<sup>®</sup>**  
**POWER**

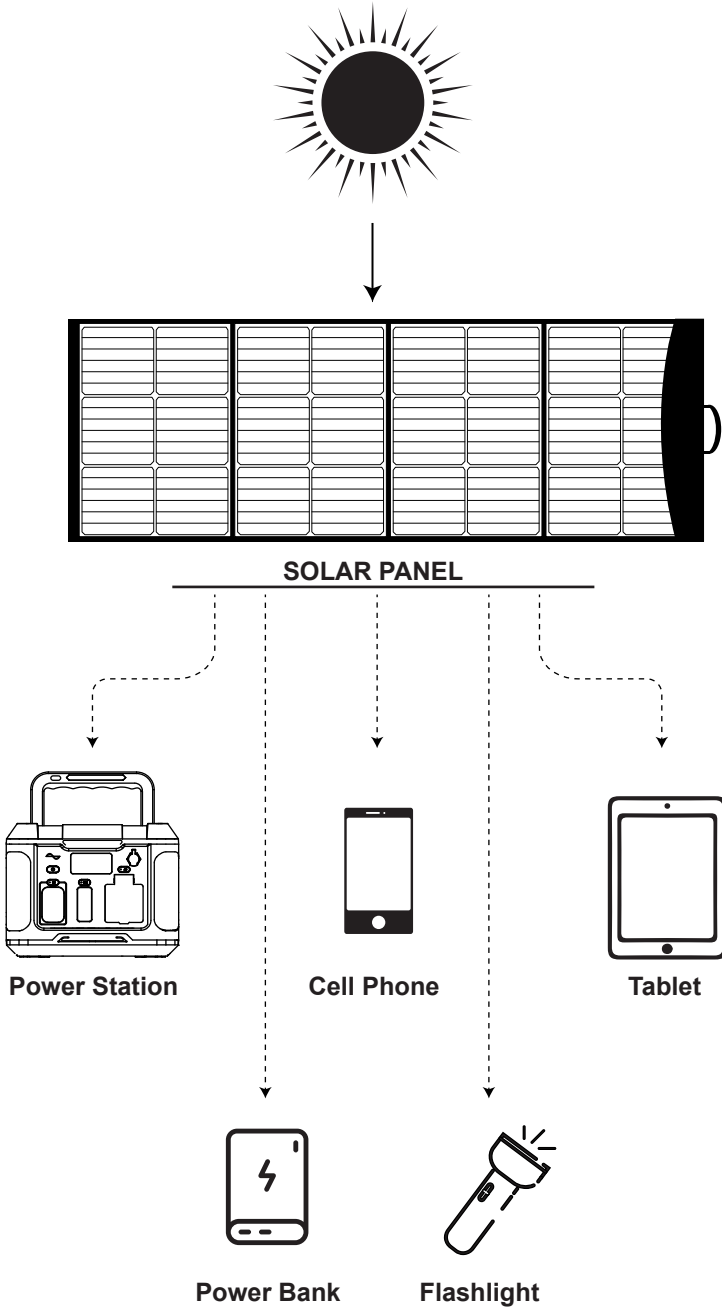
**SOLAR PANEL**

**60W / 120W / 200W**

**USER MANUAL**

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**HOW IT WORKS**



# IMPORTANT SAFETY INFORMATION

To ensure safe operation and service of the meter, read and understand all instructions. Failure to follow all instructions may result in severe injury or property damage.

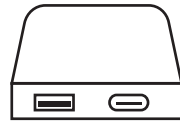
## WHAT'S IN THE BOX

1



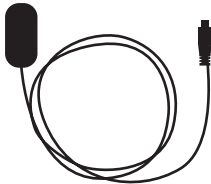
1x User Manual

2

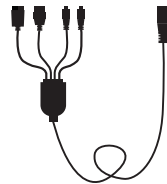


1x USB-A, 1x USB-C  
(Equipped with Solar Panel)

3 60W / 120W Solar Panel



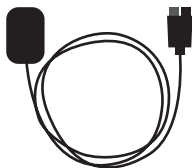
1x DC 7909 Cable  
(Equipped with Solar Panel)



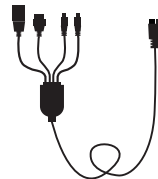
1x DC7909 to DC5521 /  
DC5525 / Anderson / XT60 cable

or

4 200W Solar Panel

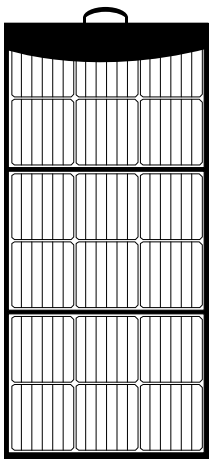


1x Anderson Cable  
(Equipped with Solar Panel)

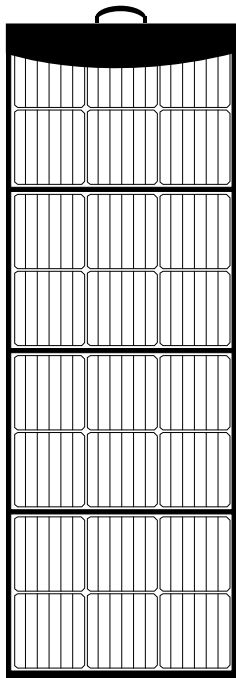


1x Anderson to DC5521 /  
DC5525 / DC7909 / XT60 cable

# TECHNICAL SPECIFICATIONS

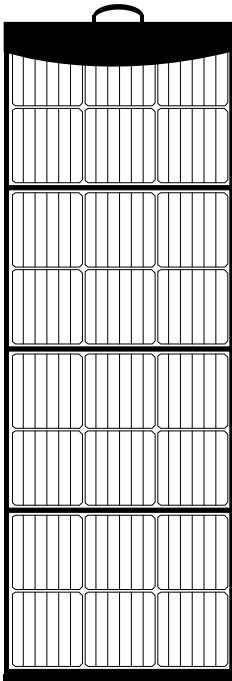


<b>60W SOLAR PANEL</b>	
<b>Peak Power</b>	60W
<b>DC Output</b>	18V/3.34A Max
<b>USB-A</b>	5V3A/9V2.5A/12V2A Max
<b>USB-C</b>	5V3A/9V3A/12V3A/15V3A Max
<b>Cell Type</b>	Monocrystalline * 3pcs
<b>Dimensions (Unfolded)</b>	1220*366*25mm
<b>Dimensions (Folded)</b>	368*366*50mm
<b>Weight</b>	5.6lbs (2.56kg) Excluding Accessories



<b>120W SOLAR PANEL</b>	
<b>Peak Power</b>	120W
<b>DC Output</b>	18V/6.67A Max
<b>USB-A</b>	5V3A/9V2.5A/12V2A Max
<b>USB-C</b>	5V3A/9V3A/12V3A/15V3A Max
<b>Cell Type</b>	Monocrystalline * 4pcs
<b>Dimensions (Unfolded)</b>	1615*520*25mm
<b>Dimensions (Folded)</b>	520*380*50mm
<b>Weight</b>	9.4lbs (4.26kg) Excluding Accessories

## TECHNICAL SPECIFICATIONS



### 200W SOLAR PANEL

<b>Peak Power</b>	200W
<b>DC Output</b>	18V/11.12A Max
<b>USB-A</b>	5V3A/9V2.5A/12V2A Max
<b>USB-C</b>	5V3A/9V3A/12V3A/15V3A Max
<b>Cell Type</b>	Monocrystalline * 4pcs
<b>Dimensions (Unfolded)</b>	2410*530*25mm
<b>Dimensions (Folded)</b>	600*530*70mm
<b>Weight</b>	16.1lbs (7.34kg)Excluding Accessories

## CAUTIONS



Do not immerse in water.



Do not destroy it in any way.



Avoid extreme temperature.



Do not disassemble.

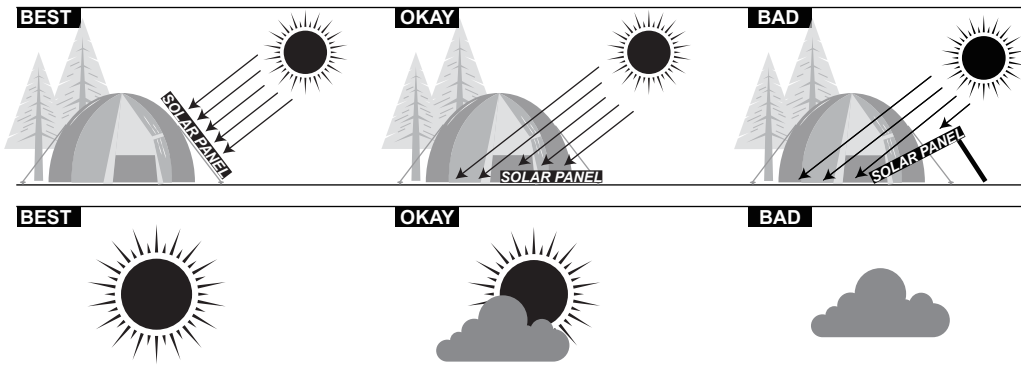
## USING TIPS

- Please make sure that the connecting cables match Solar Panel and charging equipment.
- In theory, Solar Panel can charge all kinds of batteries.  
It depends on the charging circuit of the batteries.  
Please make sure that the charging voltage of the Solar Panel matches the input voltage of your batteries.
- Note that the red part of the Anderson plug is positive, and the black part is negative.  
Please connect positive to positive and negative to negative to ensure using correctly.

## USING TIPS

- The output power of Solar Panel is related to the intensity and angle of sunlight. Solar Panel form a 90-degree angle with sunlight has the best charging efficiency. To ensure your user experience, please use Solar Panel in a place with sufficient sunlight.

### Using Example



## WARNINGS

**The warnings in this manual cannot cover all possible conditions or situations that could occur. Using this product with common sense and caution. Always be aware of the environment and ensure that the product is used in a safe and responsible manner.**

- Do NOT operate or assemble the Solar Panel until reading this manual and understanding how it works.
- When using the solar panel, place it upward in direct sunlight to ensure the best charging effect.
- Use the Solar Panel to charge proper equipment.  
Do NOT attempt to force it to do the work of larger industrial equipment.
- Do NOT break, dismantle, or drop the Solar Panel.
- Do NOT use nails or sharp objects to scratch the Solar Panel surface.
- Do NOT place heavy objects or step on it.
- Do NOT immerse the Solar Panel in water. Try to avoid exposure in the rain and moist environments. Scrub the Solar Panel with a damp cloth when clean it.
- Keep the Solar Panel away from excessive-high temperatures, such as fire or heater.  
Do NOT put the Solar Panel into a fire or apply direct heat to it.
- Do NOT contact the Solar Panel with strong corrosive objects.
- Do NOT modify this product in any way. Unauthorized modification may impair function and safety. Also, it could affect the life span of the product.

## FREQUENTLY ASKED QUESTIONS

### **Q: Is the Solar Panel waterproof?**

**A:** Both sides of the Solar Panel are protected well from splashing water.

However, the connectors which on the bag are not waterproof.

Do not immerse the Solar Panel in water, and we don't recommend using the

Solar Panel in the rain and moist environments.

### **Q: Is this chainable with other Solar Panels?**

**A:** Yes. You can chain other Solar Panels that have the same nominal output voltage power in parallel. You should note that the superimposed current cannot exceed the current that the connecting cables and plugs can bear. Our warranty does not cover any property loss caused by misoperation when chaining Solar Panels.

### **Q: What if the USB Controller Box ( sold separately) is not charging my devices?**

**A:**1. Check the manual of your device to ensure the input voltage fits 5V or support QC3.0&PD.

2. Cloudy weather and indirect sunlight may cause fluctuations in the current.

This in turn may hinder or prevent charging. Place the Solar Panel in direct sunlight or wait for the weather to clear.

3. Wipe the panels clean with a damp cloth between usage to prevent scratching.

4. Avoid exposure to fire, water and chemical liquid.

### **Q: If it is partially cloudy or shady will the solar charger still work?**

**A:** Yes, although the charging efficiency will be low causing prolonged charging time.

### **Q: Will this panel charge a power station?**

**A:** Yes. The Solar Panel can charge BALDR series power station, and also the products of other brands with appropriate power.

Note that charging power station which has excessive power will lead to longer charging time.

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## WARRANTY

BALDR INTL. provides a limited warranty for the original consumer purchaser, which covers the BALDR products from defects in workmanship and material under consumer for 12 months from the date of purchase. In order to establish the start date of the warranty period, the sales receipt from the first consumer purchase, or other reasonable documentary proof is required.

The warranty does not apply to (i) any product that is misused, abused, modified, damaged by accident, or used for anything other than normal consumer use as authorized in BALDR INTL.'s current product literature, or (ii) any product purchased through an online auction house.

To know more and obtain warranty service, contact our customer service team at [support@togopower.com](mailto:support@togopower.com)

## STATEMENT


© Copyright BALDR INTL. All rights reserved.  
All trademarks cited herein are the property of their respective owners.

The information contained herein is subject to change without notice.  
The only warranties for products and services are outlined in the warranty statements accompanying such products and services.  
BALDR INTL. shall not be liable for technical or editorial errors or omissions contained herein.

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