



**ORIGINAL INSTRUCTIONS  
FOR YARD FORCE 21W Solar Power Bank  
LX PB21**

Please read this user manual carefully before using YARD FORCE and then keep it properly.

**ANY QUESTION PLEASE CONTACT US AT THE FOLLOWING EMAIL  
[service@yardforce.tools](mailto:service@yardforce.tools)**



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Thank you for purchasing our 21W Solar Powerbank.  
For best performance and safety purchase, please read this manual carefully before using the product.  
Please keep this manual for future reference.

## Key Specifications

- Battery Type: Lithium-ion polymer battery
- Capacity: 3.7V 13000mAh 48.1Wh
- Solar Panel: 21W max
- USB-C input: 5V / 3A, 9V / 2A, 12V / 1.5A
- USB-A output: QC3.0 5V / 3A, 9V / 2A, 12V / 1.5A
- USB-C output: QC3.0, PD3.0 5V / 3A, 9V / 2.22A, 12V / 1.67A
- Size: 330 x 187 \* 56mm (L x W x H)
- N.W.: 980g
- Working temperature: 0~60°C

Note: the test condition of solar panel is 1000W / m<sup>2</sup>, 25 ° C, measured under AM1.5 (atmospheric quality) standard light intensity.  
When in use, the actual output power will be affected by the use area, weather and air pollution index .

# I Symbols



## Dispose of old appliance

Applicable in the European Union and other European countries with systems for the separate collection of recyclable materials.

**Old appliances must not be disposed of with household waste!**

If the appliance can no longer be used, every consumer is consumer is legally obliged to dispose of old appliances household waste, e.g. at a collection point in his or her municipality/borough district. This ensures that old appliances are recycled properly and that negative effects on the environment are avoided. This is why electrical appliances are marked with the symbol above.



## Batteries and rechargeable batteries must not be disposed of in household waste!

As a consumer, you are legally obliged to dispose of all batteries and accumulators, batteries and accumulators, whether they contain harmful substances\* or not, to a collection point in collection point in your municipality/borough or at a retailer, so that they can be disposed of in an environmentally friendly manner.

\* marked with: Cd = Cadmium, Hg = Mercury, Pb = Lead, Li = Lithium

## Special Tips

For making full use of power bank and guaranteeing your safety while using it, please pay attention to the following items:

- Do not strike, damage, beat, pierce, or throw the battery.
- Do not expose battery to water, chemical solvent or fire to avoid the danger of combustion or explosion.
- Do not place the battery interface next to any metal items to prevent short circuit.
- Do not disassemble or modify the battery for any other purpose.
- Use the USB-charger to charge the battery to avoid battery damage.
- Keep heat dissipation well while using the battery.
- Stop using the battery if it smells of smoke, swells, leaks or distorts. Contact the dealer immediately .
- Do not put power bank next to scraps of paper or metal items during transportation.
- Keep the battery away from children.
- To protect the environment, please dispose the used battery according to local environmental regulations, or propose to sent to the designated recycling centers, should not discard with household waste.

## Special Tips

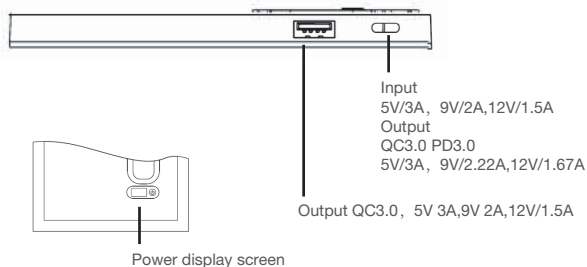
- Do not swing the cable of charger ( adapter) back and forth, pull or squeeze.
- Please unplug the charger (adapter) from the power socket when the battery is completely charged.
- If the charger (adapter) has a strong operating noise,over-heat, smoke or abnormal smell, immediately unplug it from the power socket to avoid fire, and hand it over to the dealer.
- Protect the charging cable PVC housing from scratching or puncturing by sharp items.
- Please keep the charger ( adapter) heat dissipation well and away from combustible and explosive stuff.
- Protect the charger (adapter) dropping from high place, crashing or throwing into water.
- Do not connect the charger (adapter) to other digital devices. Charger (adapter) for indoor use only, and do not use in high temperature or humid environment.

# Caution

- 1) Use the specified output cable and connector for charging mobile phone or other digital devices.
- 2) Ensure the device input voltage matches to the power bank output voltage, then connect it to the device.
- 3) The input voltage is 5V not over 5.5V, input current is 3A and not over 3.5A.

# Instructions

## I. Functional Parts Figure





# Instructions

## II. Turn On & Turn Off

Plug and play, that is when the digital device (like a phone) connects to the power bank, it will turn on immediately and charge the device, if the connection unplugs, it will turn off automatically in 35 seconds.

## III. Charge Power Bank

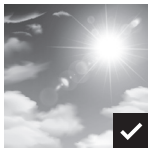
When charging, the single LED on the display will flash. When the display percentage is 100, it means that it is full.

### 1) Charging with AC

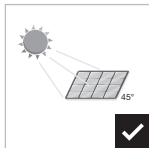
Charge power bank by connecting the charger to its input connector

### 2) Charging in the sun

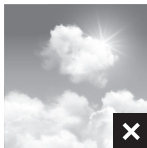
When charging, make sure that the power is in the closed state, so as not to charge slowly, expand the solar panels in the sunlight, and open the solar panels.



**Sunshine**  
Perfect time for solar charging! Avoid from placing the panel under shade area.



**Best Condition**  
Place the panel 45° facing towards the sunlight to maximise the charging rate.



**Cloudy**  
Not a perfect condition but you can still perform charging on some devices.



**Home Lighting**  
Home lighting is too weak to power solar panel.

# Instructions

## IV. Power Indication

When the charger charges the mobile power supply, or the mobile power supply charges digital products such as mobile phones, the power will be displayed, and the LED displays the percentage.

## V. Applications

Suitable for most mobile phones, tablets, PC's, cameras, videocameras, bluetooth and other digital devices with or similar with 5V input. Connect the device to the power bank by using the charging cable and turn it on.

List of packaging:

21W Solar Powerbank x 1

Manual x 1

Specified output cable x 1

# Warm Prompts

For the difference of connector data and technology, some digital devices may not compatible with the battery, not for the quality of the battery.



## **WARNING**

Some dust created by power sanding, sawing, grinding, drilling and other construction activities contains chemicals known to the state of California to cause cancer, birth defects or other reproductive harm. Some examples of these chemicals are:

- Lead from lead - based paints

- Crystalline silica from bricks and cement and other masonry products, and. Arsenic and chromium from chemically -treated lumber.

Your risk from these exposures varies, depending on how often you do this type of work. To reduce your exposure to these chemicals: work in a well ventilated area, and work with approved safety equipment, - such as those dust masks that are specially designed to filter out microscopic particles.

For more information go to [www.P65warnings.ca.gov](http://www.P65warnings.ca.gov).