

# ABOK

## Smart Power Pack

### User Manual



Hi dear, thank you very much for purchasing and experiencing our Smart charging kit. This product needs to be used with 2000W portable power station. Before using this product, please read the instructions carefully for proper operation.

In accordance with the transportation requirements of international customs for battery products, the battery level of this product is only less than 30% when it leaves the factory. Please fully charge the product after unpacking it to start your experience with the Smart Charging kit.



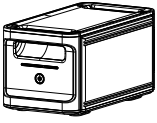
## Precautions For Use

1. Please avoid long-term storage and use of this product in environments with high temperature and humidity or direct sunlight to avoid shortened battery life and other failures. The product should not be close to the fire source, otherwise it may cause a major fire or accident.
2. This product must not be disassembled or modified. Improper operation may cause product malfunction or even fire.
3. Be careful not to drop the product.
4. Please store or use this product out of the reach of children, otherwise the product may be dropped or collided and may cause bodily injury to children.
5. Please use our original accessories, and we will not take warranty the defective products caused by the use of non-original accessories.
6. Please directly plug in the wall socket to charge the product, do not use extension cords or cable taps, otherwise there is a risk of damage to the extension cords and cable taps or even a fire; If the extension socket is plugged in to charge this product, please do not connect other electrical appliances to this socket, otherwise the household meter may trip.
7. When the product is not in use or idle, please turn it off and unplug the power cable. If it needs to be idle for a long time, please consume the product from a fully charged state to an uncharged state, then recharge it to about 50% of the battery level and store it. In order to prolong the life of the product, please take three months as a cycle, operate and keep it in this way.
8. If the product reaches scrap conditions, please discard or recycle the product in accordance with local laws.

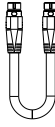
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# Packing List



Smart Power Pack



Parallel Cable  
(Power Connection Cable)



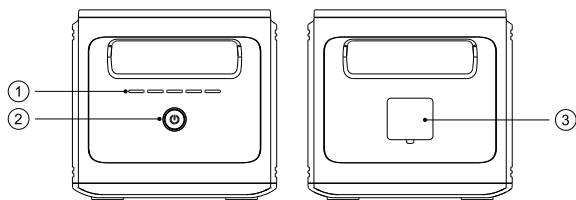
User Manual

# Product Introduction

This product is a portable power pack with charge/discharge function. It is mainly used for parallel expansion of 2000W portable power station.

- Equipped with LiFePO4 battery, the battery capacity is as high as 1536Wh, and the safety level is extremely high.
- The device can be paralleled with the 2000W portable power station to provide it with an additional capacity of 1536wh.

# Button Function Introduction



1. Battery Level
2. Switch
3. Battery Pack Interface

## ① Battery Level

Product power status indicator contains 5 lattices, each representing 20% of the power. When the power drops to 0%, only the leftmost indicator light will blink.

When all the indicators flash together, the product has entered the high temperature protection state.

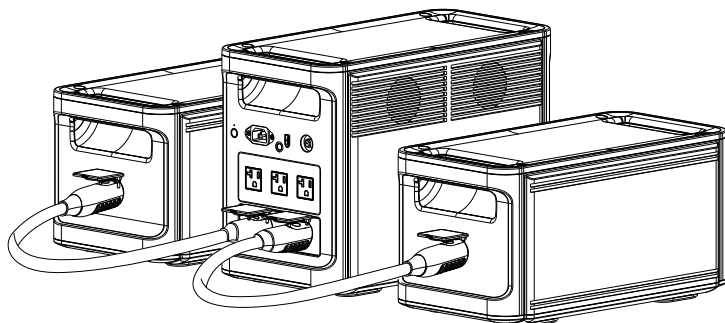
## ② Switch

Instructions: Press and hold the power button for 3S to turn on/off the whole system.

## ③ Battery Pack Interface

The expansion is achieved by connecting the parallel cable to the host. The picture for paralleling is attached.

# Battery Pack Connection Instructions



The portable power station can be connected to up to two additional battery packs through parallel cables, with a maximum capacity of 4608Wh. Please connect the product when the portable power station and extra battery pack are turned off. After the connection is completed, there will be icons of S1 and S2 connection displays on the screen. After connecting them successfully, the system can start charging or discharging. When charging and discharging after connection, the power will be distributed according to the left power of the product.

The charging power of the device with lower battery level is small when charging, and the output power of the device with higher level is high when discharging. If there is no external charging, energy exchange may occur between the portable power station and battery packs. When the left capacity of them is close, the charging process will stop, and the power will be show on the screen.

## Precautions

- Please do not plug and unplug the connecting cable when the products is under use, please connect or disconnect these two products when they are turned off.
- Please do not make the connecting ports of the portable power station short-circuited.

# Product Specifications

Product Name	Smart Power Pack
Dimension	L*W*H=404*218*205mm
Weight	13.5kg
Battery Capacity	1536Wh
Shutdown Current	< 500 $\mu$ A
Working Temperature	-10 - 40°C
Environment Humidity	$\leq$ 90%RH
Cycle Times	> 4000 times

# Battery Specifications

Cell type	40135 LiFePO4
Rated voltage of single battery	3.2V
Rated capacity of single battery	20Ah
Rated voltage of battery pack	38.4V
Output voltage range of the battery pack	35 - 43V
Rated capacity of battery pack	1536Wh

# Warranty Card

Warranty Card	
Name	
Address	
Model	
Serial Number	
Shopping platform	
Tel	
E-mail	
Brand, Order number	
Purchase date	
Filling date	
What is the product failure	
Please fill in all the above items.	

This product comes with a 3-year warranty upon purchase, and an additional 2-year extended warranty is also available.

- If there is a quality problem within the range of normal use, we provide warranty service.
- After purchasing our company's products, please keep this product together with its outer box, pearl cotton, invoices and other items. Since it involves dangerous goods transportation, retaining the outer packaging materials is essential for safe handling. When maintenance services are needed, please provide information according to our company's request.
- In the case where the warranty is damaged or altered, and no stamp of the sales store on the warranty, the warranty service may not be provided.
- Damage caused by use beyond the normal range of use is not covered by the warranty service.
- The content of the warranty scope shall be subject to the content recognized by the company.
- Even within the scope of the warranty, sometimes it will be exchanged for products with the same function. The shipping and repair fees for products outside the warranty range shall be paid by the customer.
- Sometimes the specifications and functions of the product will be updated without prior notice.

# Disclaimer

Before use, please read the user manual of this product to ensure full understanding and correct use. After reading, keep the user manual properly for future reference. If you do not operate this product correctly, you could cause serious injury to yourself or others, or result in damage to the product and property. Once you use this product, you are deemed to have understood, recognized and accepted all terms and content of this document. Users undertake to be responsible for their own actions and all consequences arising therefrom. We are not responsible for all losses caused by the user's failure to use the product in accordance with the User Manual.

In compliance with the law, the company has the final right to interpret this document and all related documents of the product. If it is updated, revised or terminated without prior notice, please visit our official website for the latest product information.

# FCC Warning

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

**Note:** This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment.

This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.