

1. Function Description

- ★ This product is designed based on industry-leading digital power technology. It supports BPIV (Baseus Power Merging) parallel operation technology, which can allow maximum 4 power stations to be connected in parallel for higher output power up to 2000W, maintaining high efficiency and portability.
- ★ The product supports OTA remote updates and remote diagnostics, as well as app-based Modular Self Check-Out (MSCO) and real-time monitoring and control. An alert will pop up on the screen and the APP (when connected via Bluetooth) in case of anything abnormal. If you have any question, please contact customer service via the APP for remote diagnostics and timely advice and help from Baseus.
- ★ The product features a modular design. If a functional failure is confirmed via remote diagnostics, the failed module will be replaced in accordance with Baseus' after-sales policy, without the need for you to have the whole product delivered back to us, in order to save your time and improve your experience.
- ★ The product adopts cutting-edge innovative digital power supply technology, which enables bi-directional inverse charging and discharging and a minimum duration of 150 minutes to charge the battery back to full. And it supports BDPT as well, allowing maximum 4 power stations to be charged at the same time.
- ★ This product is the first of its kind with a TFT screen. With multiple switchable screens, it can display current energy storage in real time in various aspects (battery level, real-time temperature, current input/output power, current remaining time), port status, battery cycle status, system version, upgrade information, etc.
- ★ It supports 600W of sine wave AC power output so as to supply products with a rated power of lower than 600W, such as car-mounted mini-fridges, car-mounted ice machines, desk lamps, small rice cookers, etc.
- ★ It supports simultaneous power output of up to 8 products, with a maximum of 100W PD fast charging via a single Type-C port; it also accommodates multiple protocols for USB/Type-C-based fast power output to meet the charging needs of digital products.
- ★ It supports up to 3 input charging methods: AC direct charging (Max. 350W), Type-C PD fast charging (Max. 100W), and DC port charging (Max. 100W). **Only one equipment can be charged when multiple charging methods are applied at the same time. The system has an automatic prioritization when applying the various charging methods, which is AC direct charging > Type-C PD fast charging > DC port charging.**
- ★ The DC input charging port is compatible with the MPPT protocol, supporting direct power supply via car-mounted chargers and direct charging via solar panels with MC4 interface.
- ★ The built-in LED lighting provides three lighting modes: long light, SOS and strobe. You can switch the mode by pressing the button or adjust the brightness of the long light via the app.

2. Product Specification

Name:	120V Digital Power Bank 600W
Model No.:	BPM600B
Capacity:	180000mAh/576Wh
AC Input:	100V~120V~, 3.5A, 60Hz, 350W Max.
Solar DC Input:	12~25V~8A 100W Max.
Type-C1 Input:	5V~3A, 9V~3A, 12V~3A, 15V~3A, 20V~5A 100W Max.
AC Output:	100V~120V~, 5A, 60Hz 600W (Pure Sine Wave; Peak Power: 1200W)
USB1/USB2 Output:	5V~4.5A, 4.5V~5A, 5V~3A, 9V~3A, 12V~2.5A 30W Max.
Type-C1/Type-C2 Output:	5V~3A, 9V~3A, 12V~3A, 15V~3A, 20V~5A 100W Max.
DC+Car Charger Output:	12V~10A 120W Max.
Type-C1+Type-C2 Output:	130W Max.
USB1+USB2 Output:	60W Max.
USB1+Type-C1 Output:	5V~3A
USB2+Type-C2 Output:	5V~3A
	USB1+USB2+Type-C1+Type-C2 Output: 5V~6A
	Total Output: 650W
	Operating Temperature: 0°C~35°C/32°F~95°F

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Disclaimer and Warning

Thank you for purchasing **Baseus Energy Stack Digital Portable Power Station (Parallel Operation)** (hereinafter referred to as **Baseus Digital Portable Power Station**). The information contained herein affects your safety and your legal rights and responsibilities. Read this entire document carefully to ensure proper configuration before use. Failure to read and follow the instructions and warnings herein may result in serious injury to you or bystanders, or damage to your device or property. Shenzhen Baseus Technology Co. Ltd. reserves the right of final explanation for this document and all relevant documents relating to **Baseus Digital Portable Power Station**, and the right to make changes at any time without notice.

By using this product, you hereby signify that you have read this document carefully and that you understand and agree to abide by the terms and conditions herein. You agree that you are solely responsible for your own conduct while using this product, and for any consequences thereof. You agree to use this product only for purposes that are proper and in accordance with all terms, precautions, practices, policies and guidelines Shenzhen Baseus Technology Co. Ltd. (**Baseus Digital Portable Power Station**) has made and may make available.

Shenzhen Baseus Technology Co. Ltd. (**Baseus Digital Portable Power Station**) accepts no liability for damage, injury or any legal responsibility incurred directly or indirectly from the use of this product. Users shall observe safe operation guidelines including, but not limited to, those set forth herein.

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5. Instructions

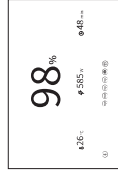
Note: The following instructions assume that the APP has been connected to the product. If the connection is broken or the distance between them is too far (over 10 meters), the APP may not be able to instantly respond or issue reminders or alerts timely, affecting user experience. It is recommended to use the product while keeping the APP on and keep them close for smoother use.

1. Start/shutdown

- * Press and hold the power button for 2 seconds to turn on the product. The power indicator will then be on for long, and the screen will display a reminder that Modular Self Check-Out (MSCO) is initiated.
- * When no problem is detected in the MSCO, the product will enter the main interface.



Modular Self Check-Out (MSCO)



Main interface

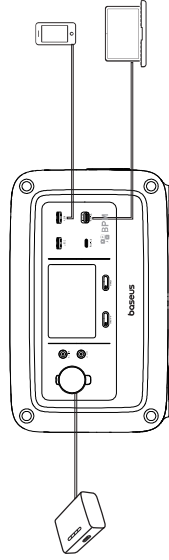
- * In the power-on state, press and hold the power button for 2 seconds to turn it off with the power indicator off.
- * The default standby time of this product is 30 minutes. If the inverter switch/LED light switch is off and the product has no load accessed, the product will automatically turn off in 30 minutes.

Note: If any abnormality is detected in MSCO, the screen will issue a reminder, while the APP will warn about it too and advise on solutions. Please follow the instructions in the APP or contact Baseus for 1 on 1 customer service via the app.

2. How to charge a device

(1) Charge a device via a USB/Type-C/DC port

- * After the product is turned on, the USB/Type-C/DC port will enter the standby mode and can be used to charge cell phones or other digital products with compatible data cables.
- * Meanwhile, the main screen will display four parameters for reference, including the current total output power, current temperature, remaining battery level, and remaining discharge time under the current output power.



Product Size: 288×215×177mm

Weight: About 8.2Kg

Execution standard: Q/BASEUS 047

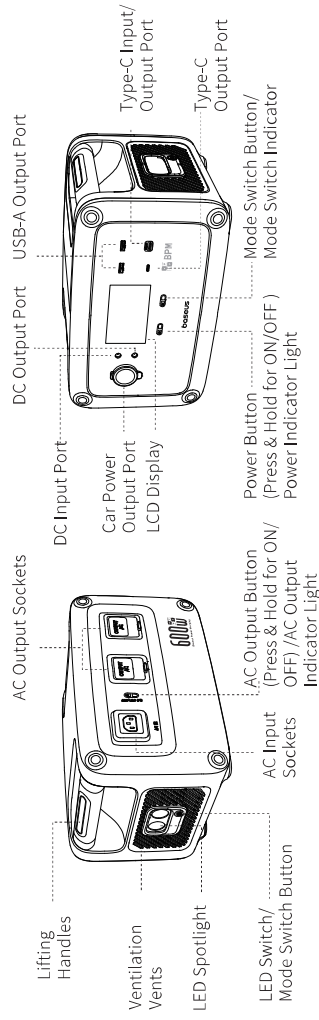
List of Accessories: AC Cable (Input), Car Charger Cable (Input), Solar Charger Cable (MC4 to DC Input), DC5521 to DC5525 Cable, User Guide, Warranty Card

3. Package Including

- Baseus Energy Stack Digital Portable Power Station (Parallel Operation) 600W (JP/US 110V)
- AC Cable (Input) X 1
- Car Charger Cable (Input) X 1
- Solar Charger Cable (MC4 to DC Input) X 1
- DC5521 to DC5525 Cable X 1
- User Manual X 1
- Warranty Card X 1

Guidance for beginners

4. Schematic Display of Product (Appearance and Port Instruction)



Download the Baseus App and User Manual

Scan the QR code on the right for the download address with your mobile device, or enter <https://www.baseus.com/#/home> (in Chinese) or <https://us.baseus.com/download> (in other languages) in the search bar to download the app.

Please follow the guide in the app to register (if you have registered, please login directly), login, add equipment, and then connect and operate.

Note: Please make sure your mobile device is connected to the network when adding the power station.



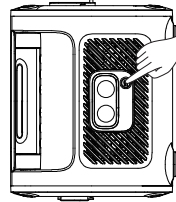
Note:

- * The product will not enter automatic shutdown when it is charged with a device through USB/Type-C/DC/AC ports.
- * The value of the four parameters on the main screen are measured by a built-in program, which may be subject to errors and changes in real time. The parameter information is for reference only.
- * For more details on the charging and discharging status of a port, press the mode switch button to read the charging and discharging graph for a specific port.
- * When the screen shows the charging/discharging graph of a port, it will automatically remain at this interface. Press and hold the mode switch button to exit.
- * **In case of any abnormality with components, including the USB/Type-C/DC/AC ports and charging ports, host cooling fan, is detected, the icon of the corresponding interface will turn red and flash on the screen, and the APP will issue warning and solutions. Please follow the instructions or contact Baseus for 1 on 1 customer service via the APP.**

(4) LED Lighting

- * This product has a built-in LED spotlight providing emergency lighting.
- * Press and hold the LED switch/mode switch button for 2 seconds to turn on the LED light. The light has a default state of staying on for long; or it can be switched by pressing applicable buttons to two other modes which are SOS and strobe.
- * Please adjust the brightness under the long-on mode in the app.
- * Under the LED lighting state, press and hold the LED switch/mode switch button for 2 seconds to turn it off.

Note: If the LED lighting is on, the default standby time of this product will be adjusted to 8 hours for any need of emergency lighting at night.



(5) Advanced use of the APP

- 1 Modular Self Check-Out (MSCO) can be launched at any time via the app to ensure that each component of the product works normally and to prevent unknown risks.
- 2 The brightness of the screen can be adjusted and customized via the app.
- 3 Product firmware upgrade can be initiated via the APP for a better user experience.
- 4 You can contact Baseus for 1on 1 customer service via the app to solve problems you may have.
- 5 The device name can be edited in the app.

(2) Charge a device via the AC port

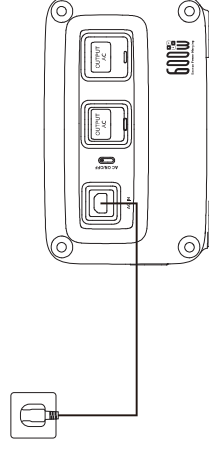
- * After the product is turned on, press and hold the AC output button for 2 seconds to enable AC inversion output, with the AC output indicator on. Now you can plug in and charge an AC device.
- * Under the AC output state, press and hold the AC output button for 2 seconds to disable AC inversion output, with the AC output indicator off.

⚠ Warning: There is a high voltage output after the AC inversion output is enabled. Please do not plug metal or conductive objects into the AC main socket to avoid electric shock.

(3) How to charge the product

- 1 AC charging
- * Baseus BDIP and bi-directional inverse fast charging technologies are specially designed for AC charging. The maximum charging power of this product is 350W.

AC charging cable



2 Type-C charging

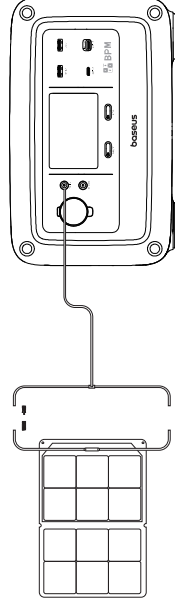
This product supports up to 100W PD fast charging, and accommodates all adapters and car-mounted chargers that are compatible with the PD protocol.

3 DC charging

The DC port supports the MPPT protocol, and can be charged with car-mounted chargers or solar panels.

- 4 When the product starts charging, it will enter the power-on state automatically in order to monitor all modules and provide feedback on operation status in real time.

- 5 The product supports three charging methods. The system has an automatic prioritization for various charging methods, which is **AC direct charging > Type-C PD fast charging > DC port charging**. Only the top-prioritized charging method is applied even if all three ports are used at the same time.



Introduction of Parallel Operation

BPM (Baseus Power Merging) digital paralleling technology allows Baseus Energy Stack Series Portable Power Station (Parallel Operation) to connect the AC output of one power station to the AC input of another power station via a three-pin power cable for higher power output and capacity; BPM supports maximum 4 power stations to be connected in parallel for higher output power, i.e. 1000W/1152Wh with 2 power stations, 1500W/1728Wh with 3 power stations, or 2000W/2304Wh with 4 power stations. You can choose the corresponding output power to match your needs;

In the meantime, if the power stations in parallel operation are undervoltage, fast charging for the power stations through one power outlet can be achieved, thanks to the BDPT (Baseus Digital Parallel Fast Charging) technology.

1. How to connect in parallel for higher output?

(1) Please add all the power stations you want to connect in parallel in the Baseus APP;

(2) Select any one of the power stations and click to enter, and click the parallel operation button;

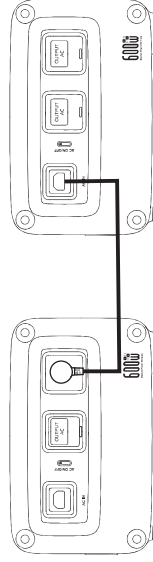
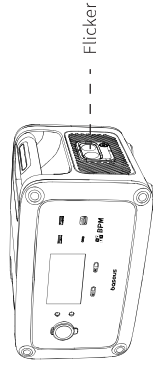
Note: Please make sure the inverter switch is off at the time, otherwise it may fail to connect in parallel;



(3) Choose the power stations in the list according to your needs, and the light on the corresponding power station will flash to help find it quickly, and then select "Start Parallel Connection";



(4) Please correctly connect the AC output to the AC input with the power cable according to the instructions in the APP. After the cable is properly connected, click "OK" in the APP and select "Start Parallel Connection";



(6) FAQ

① What type of battery is used in the product?

This product uses high quality automotive-grade lithium iron phosphate battery.

② What equipment can be charged via the AC output port of the product?

The AC output of the product is rated at 600W with a peak power of 1200W, being able to supply power to most consumer electronics. However, please check the rated power of your equipment and make sure that the total power of all load equipment is lower than the rated power before using it.

③ How do I know how long the product can supply power?

The LCD display will show the remaining battery life and calculate a remaining discharge time based on the current power, for reference only.

④ How can I tell the product is charging?

When charging, the LCD display will show the remaining charging time and input power.

⑤ Does the product support simultaneous charging and discharging?

This product does not support simultaneous charging and discharging in AC state, but in DC state, it supports AC input and DC output at the same time as well as simultaneous charging and discharging. In that case, the screen will prioritize the display of the discharge state. If you want to check the charging state parameters, please remove the discharge device.

⑥ How to clean this product?

Please use a dry, soft and clean cloth or paper towel to wipe this product.

⑦ Can I carry this product on the plane?

Equipment no larger than 160WH is allowed on planes. This product is 576WH, so it is not allowed on planes.

⑧ How do I store and maintain the product?

- ★ It is recommended to use or store the product with a temperature of 20-30°C, and keep it away from water, heat source and metal objects.
- ★ For long-term storage, please charge and discharge the product once every 3 months (discharge it to 30% and then charge it to 60%).
- ★ For safety reasons, do not store this product when the temperature is higher than 45°C or lower than -10°C for a long time.
- ★ If the power of this product is less than 1% after use, please charge it to 80% before storing it. If left idle for a long time in low or full battery, its battery core will suffer irreversible damage and the service life of the product will shorten.
- ★ If the product has low remaining power and has been idle for too long (not in over-discharged state), it will enter deep sleep mode and need to be charged before being used again.

Warning: Operation of this equipment in a residential environment could cause radio interference.

FAQs

① Must the parallel operation be carried out via the APP?

A: Yes, the parallel operation requires the APP for data process, and we recommend to keep the APP running in the background after the parallel operation is done.

② Does parallel operation have any requirements for battery level?

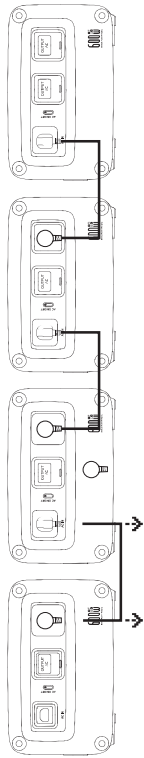
A: We recommend to keep the battery level as healthy as possible, and if the battery level is lower than 10%, it can't be connected in parallel.

③ Any requirements for the power cable?

A: No, any three-pin AC power cable is fine.

④ How to stop the parallel operation if the phone/APP is unaccessible?

A: You can manually disconnect the cable or turn off the power station to stop the parallel operation, but make sure you turn off the power station first or disconnect the power station connected to the output cable;



⑤ Will it damage the power station if I manually stop the parallel operation?

A: No, it won't. The digital circuit inside offers a precise monitor to the operation status, manually turn of the power station or remove the power station may activate the malfunction prompt, and usually it will restore back to normal after you restart the power station. But, if you have any problems, you're always welcomed to contact our customer service through the APP.

⑥ Any requirements for the battery level during parallel charging?

A: Please make sure the battery levels of the power stations are close to each other or rank them from the lowest to the highest, and connect the lowest one to a AC outlet.

⑦ Why can't I add the power stations in the APP sometimes?

A: Please make sure your phone is connected to the network when you add the device in the APP.

Note:

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

FCC RF exposure statement:

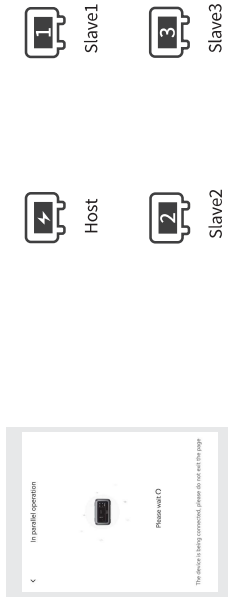
The equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance between 20cm the radiator your body."

Warning: Operation of this equipment in a residential environment could cause radio interference.

Class A digital device. A digital device that is marketed for use in a commercial, industrial or business environment, exclusive of a device which is marketed for use by the general public or is intended to be used in the home

Warning: Operation of this equipment in a residential environment could cause radio interference.

- (5) The APP will run itself and start auto pairing, after the pairing, it will show the icons of the master power station and the slave power station(s);

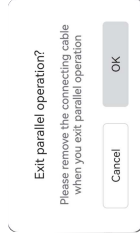


- (6) After the parallel connection, you get the "stacked" power output on the AC output port of the master power station;

- (7) If you need to check the operation status of the parallel operation or the slave power station(s), you can click the icon of the corresponding power station or the parallel operation button in the master power station interface;

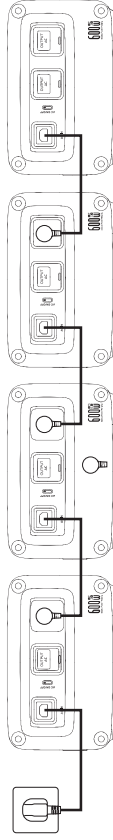
Note: You can only check the total output power and output voltage;

- (8) If you want to stop parallel operation, just click "Stop Parallel Operation" in the APP;



2. How to connect in parallel for input?

- (1) This function does not involve the APP, just make sure the power station that needs charging is turned off;
 (2) Please correctly connect the AC output to the AC input with the power;
 (3) Then connect the AC input of the power station in the first place to a wall outlet with the AC power cable, and start parallel input;



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.

Warning: Please follow the above safety instructions otherwise it will cause fire, electric shock, damage or other injuries.

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