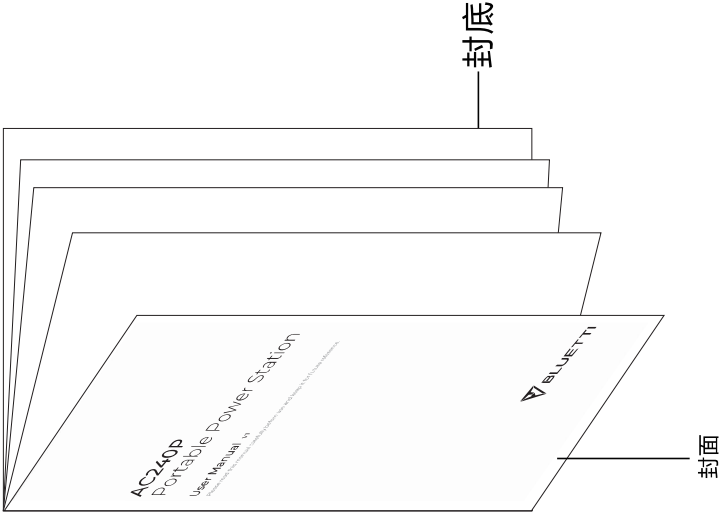
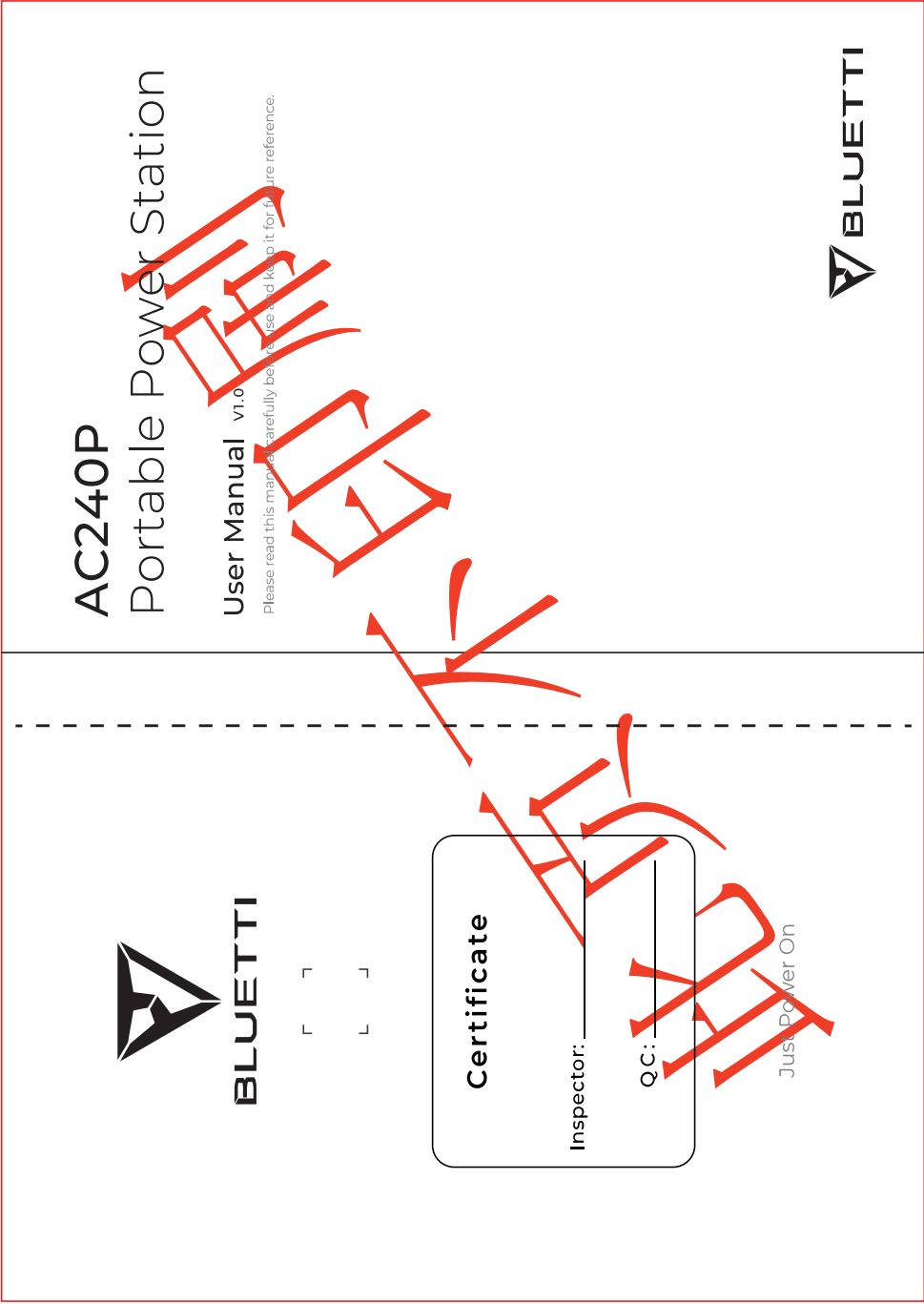


| 版本 | 更改   | 日期       |
|----|------|----------|
| A0 | 首次发布 | 23.12.27 |
| A1 |      |          |
| A2 |      |          |



说明书示意图 (100P)

技术要求:

成品尺寸: A5 (142X210mm) , 公差+1/-1mm;  
材质: 80g书写纸封面封底内页, 双面印刷, 订装;  
颜色: 单黑印刷;

所用材质需符合RoHS;

注: 印刷需清晰, 表面洁净, 无凹凸痕迹, 无刮花, 折边整齐;  
不能有模糊, 脏污, 脱墨, 花点, 重影, 印歪, 纸张不平整等不良。

样品承认书要求:

- 01、封面 (供应商&我司承认会签)
- 02、图纸/规格
- 03、尺寸报告
- 04、包装说明
- 05、试验报告 (如纸张, 胶水, 装订环保证明等)
- 06、材质分解表 (如纸张的克重品牌, 材质克重和胶水品牌型号等)
- 07、材质证明、MSDS (如有第三方正式机构的证明也附上)
- 08、IQC检验报告

| 深圳市德兰明海科技有限公司<br>Shenzhen PowerOak Newener Co.,Ltd |         |        |                 |  |  |
|----------------------------------------------------|---------|--------|-----------------|--|--|
| 材料                                                 | 表面处理    | 加工技术说明 | 单位: mm          |  |  |
| 型号                                                 | 图样编号/版本 | 比例     | 图样编号/版本         |  |  |
| 名称                                                 | 图样编号/版本 | 比例     | 图样编号/版本         |  |  |
| 设计                                                 | 审核      | 批准     | 物料编号            |  |  |
| 杨振华                                                |         |        | 17.0303.0704-00 |  |  |
| 23.12.27                                           |         |        |                 |  |  |

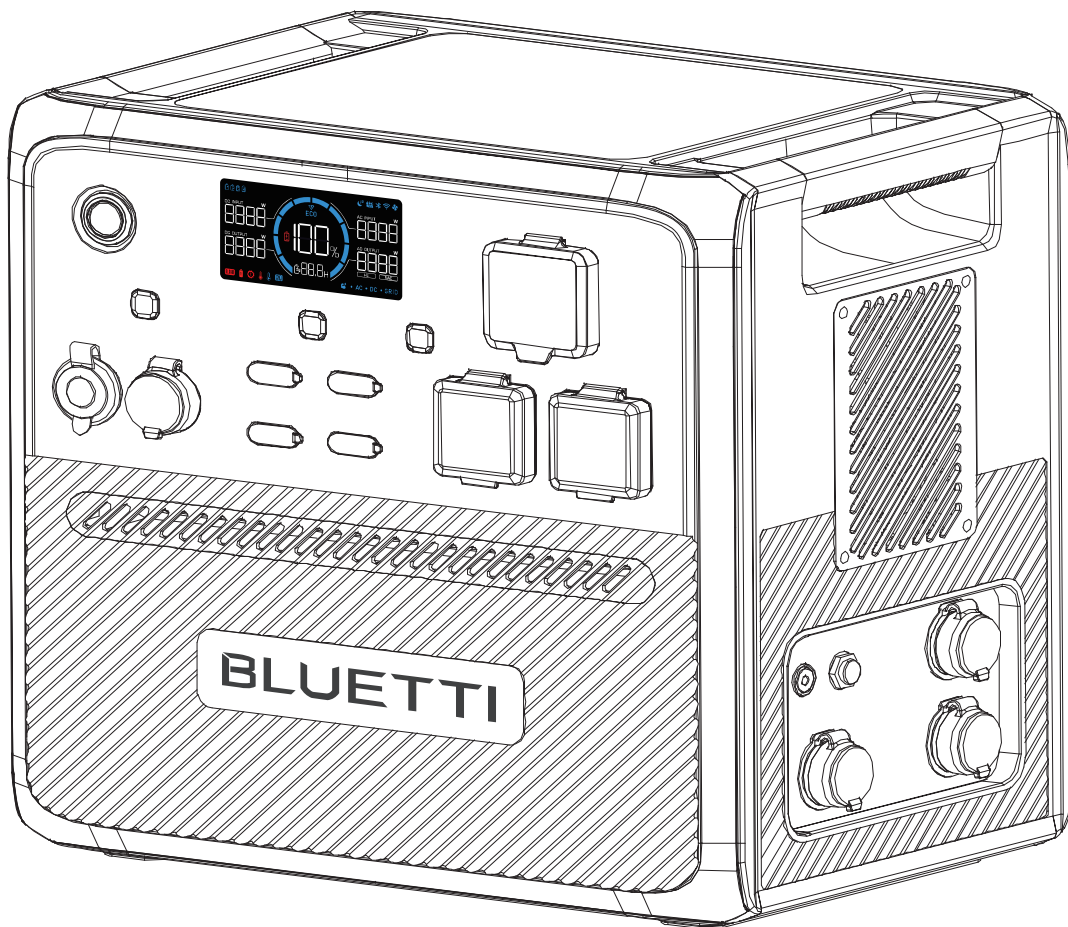
# AC240P

# Portable Power Station

## User Manual v1.0

Please read this manual carefully before use and keep it for future reference.





### Warning

1. Charge the unit before first use.
2. Do not use solar panels with open circuit voltage higher than 60VDC. Solar input voltage range for the unit is 12V-60VDC.
3. Charge the unit immediately when the SoC drops below 5%. If the SoC drops to 0, power off the unit and charge it for at least 30 minutes before restarting.
4. The unit is for off-grid use only. Do not connect its AC output to the grid.
5. If not used for more than 3 months, charge the unit to 40%-60% SoC and store it with the power off. For optimum battery life, discharge and charge the unit every 3 months.

## Thank You!

Thank you for making BLUETTI a part of your family.

From the very beginning, BLUETTI has tried to stay true to a sustainable future through green energy storage solutions while delivering an exceptional eco-friendly experience for our homes and our world.

That's why BLUETTI makes its presence in 100+ countries and is trusted by millions of customers across the globe.



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### Notice

BLUETTI's products, services, and features are subject to the agreed-upon terms and conditions during purchase. Please note that some products, services, or features described in this manual may not be available under your purchase contract. Unless otherwise specified in the contract, BLUETTI makes no representations or warranties of any kind, express or implied, with respect to the contents of this manual.

The contents of this manual are subject to change without notice. Please get the latest version from: <https://www.bluettipower.com/pages/user-guides>

If you have any questions or concerns about this manual, please contact BLUETTI support for further assistance.

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# 1. Safety Instructions

Read this manual for instructions on the proper use and safety information for the product. The safety instructions provided herein are for illustrative purposes that include but are not limited to those listed in this manual. Actual operation shall comply with all applicable safety standards. If you have any questions, feel free to contact BLUETTI support or your local BLUETTI dealers.

## 1.1 Statement

To ensure a safe operation, it's crucial to observe and adhere to the following conditions:

- Always operate or store the product in the conditions specified in this manual.
- Avoid unauthorized disassembly, component replacement, or modification of software codes.

**⚠** BLUETTI shall not be liable for damages resulting from the following circumstances:

- Force majeure events such as earthquakes, fires, storms, floods, or mudslides.
- Damage caused by the customer's own transportation.
- Damage resulting from inadequate storage conditions as specified in the manual.
- Damage caused by customer negligence, improper operation, or intentional actions.
- System or hardware damage caused by third parties or customers, including but not limited to improper handling and installation not in accordance with the instructions in this manual.
- Usage of the product with devices that require a high-performance Uninterruptible Power Supply (UPS), including but not limited to data servers, workstations, medical equipment, and other similar devices.

## 1.2 General Requirements

INSTRUCTIONS PERTAINING TO RISK OF FIRE, ELECTRIC SHOCK, OR INJURY TO PERSONS  
IMPORTANT SAFETY INSTRUCTIONS

### **WARNING:**

When using this product, basic precautions should always be followed, including the following:

- Read all the instructions before using the product.
- To reduce the risk of injury, close supervision is necessary when the product is used near children.
- Do not put fingers or hands into the product. And do not insert foreign objects into any ports of the product.

- Use of an attachment not recommended or sold by the manufacturer may result in a risk of fire, electric shock, or injury to persons.
- To reduce the risk of damage to the electric plug and cord, pull the plug rather than the cord when disconnecting the product.
- Do not use a battery pack or appliance that is damaged or modified, as they may exhibit unpredictable behavior resulting in fire, explosion, or personal injury.
- Do not operate the product with a damaged cord or plug, or a damaged output cable.
- Do not attempt to replace the internal battery or any other component of the product by anyone other than authorized personnel. There are no end-user serviceable components. Do not disassemble the product, take it to a qualified service person when service or repair is required. Incorrect reassembly may result in a risk of fire or electric shock.
- To reduce the risk of electric shock, unplug the product from the outlet before attempting any instructed servicing.
- **WARNING - RISK OF EXPLOSIVE GASES.** To reduce the risk of battery explosion, follow these instructions and those published by the battery manufacturer and manufacturer of any equipment you intend to use in the vicinity of the battery. Review cautionary markings on these products and engines.
- **PERSONAL PRECAUTIONS**
  - a. Wear complete eye protection and clothing protection. Avoid touching eyes while working near the battery.
  - b. Never smoke or allow a spark or flame in the vicinity of the battery or engine.
  - c. Be extra cautious to reduce the risk of dropping a metal tool onto the battery. It might spark or short-circuit the battery or other electrical parts which may cause an explosion.
- When charging the internal battery, work in a well ventilated area and do not restrict ventilation in any way.
- Under abusive conditions, liquid may be ejected from the battery; avoid contact. If contact accidentally occurs, flush with water. If liquid contacts eyes, additionally seek medical help. Liquid ejected from the battery may cause irritation or burns.
- Do not expose the product to fire or excessive temperature. Exposure to fire or temperature above 80°C (176°F) may cause an explosion.
- Have servicing performed by a qualified repair person using only identical replacement parts. This will ensure that safety is maintained.
- Do not stack anything on top of the product while in storage or while in use. Do not move the product while operating as vibrations and sudden impacts may lead to poor connections to the hardware inside.

- In case of fire, use only a dry powder fire extinguisher appropriate for the product.
- **WARNING - RISK OF ELECTRIC SHOCK.** Never use the product to supply power tools to cut or access live parts or live wirings, or materials that may contain live parts or live wirings inside, such as building walls, etc.

### 1.3 Grounding Instructions

The product is designed for portable use and typically does not require earth grounding. However, if you connect it to the power grid, it's important to ensure proper grounding for safety. If it should malfunction or break down, grounding provides a path of least resistance for electric current to reduce the risk of electric shock. This product is equipped with an AC power cord having an equipment-grounding conductor and a grounding plug. The plug must be plugged into an outlet that is properly installed and grounded in accordance with all local codes and ordinances.

**WARNING** - Improper connection of the equipment-grounding conductor can result in a risk of electric shock. Check with a qualified electrician if you are in doubt as to whether the product is properly grounded. Do not modify the plug provided with the product - if it does not fit the outlet, have a proper outlet installed by a qualified electrician.

### 1.4 Handling Requirements

During transportation or storage, take care to avoid dropping, violently impacting, or tilting the product as it may result in internal damage. If necessary, use mechanical assistance such as carts or adjustable height workbenches to ensure safe handling.

| Recommended number of people based on the weight of product |                  |
|-------------------------------------------------------------|------------------|
| Weight                                                      | Number of people |
| <18kg (39.7lbs)                                             | 1                |
| 18kg~32kg (39.7lbs~70.5lbs)                                 | 2                |
| 32kg~55kg (70.5lbs~121.3lbs)                                | 3                |
| >55kg (121.3lbs)                                            | 4 or a cart      |

### 1.5 Storage Instructions

- When the SoC drops to 5%, please charge the product immediately.
- Before storing the product, charge it to 40% to 60% SoC to keep it in optimal condition. In addition, power off the unit and disconnect all electrical connections from it.
- Store the product in a cool and dry place, keeping it away from flammable or combustible materials and gases.

- The product can be safely stored within a temperature range of -20°C to 45°C ( -4°F to 113°F). However, if the storage duration exceeds one month, it's recommended to maintain an ideal storage temperature of around 30°C (86°F).
- Fully cycle the product every 3 months to maintain the battery's health. It's NOT recommended to store the unit for extended periods of time, as it may affect its performance and overall lifespan.

**If the SoC drops to 0 (during storage or upon startup), take the following actions to safely restart the product:**

- Shut down immediately.
- Charge within 48 hours.
- Keep it at an ambient temperature of 5°C to 35°C (41°F to 95°F) for 6 hours before charging. It's recommended to charge the product via an AC source. If charging via solar energy, ensure that your solar system provides an output of more than 100W.

  The symbol displayed is intended to remind you to read the instructions in the literature accompanying the product before operation and maintenance.

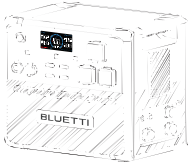
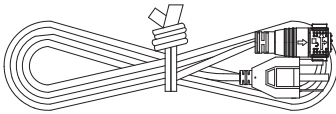
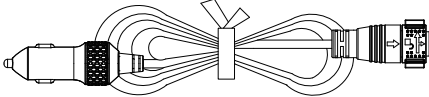
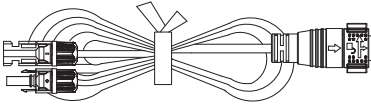
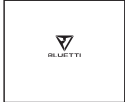
- Connect the product to a socket-outlet that has an earthing connection using the power cord provided.
- The socket-outlet should be installed near the product and easily accessible for safety purposes.
- Never dispose of a battery by throwing it into fire or a hot oven, or by mechanically crushing or cutting it, as these may cause it to explode.
- Avoid leaving batteries in extremely high-temperature environments, as this can result in an explosion or the leakage of flammable liquid or gas.
- The battery subjected to extremely low air pressure may result in an explosion or the leakage of flammable liquid or gas.
- Attention should be drawn to the environmental aspects of battery disposal.
- Please refer to the information on the exterior bottom enclosure for electrical and safety information before installing or operating the apparatus.

## **SAVE THESE INSTRUCTIONS**

 **BLUETTI shall not be liable for any equipment damage caused by the violation of the above instructions.**

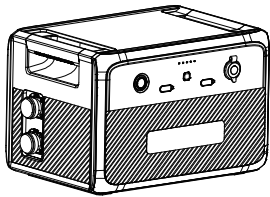
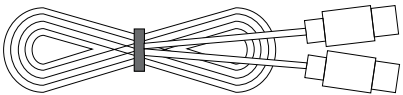
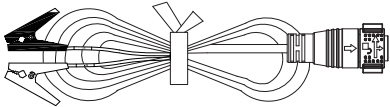
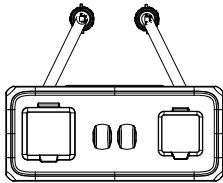
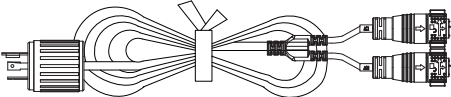
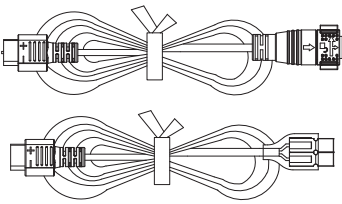
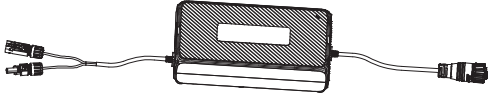
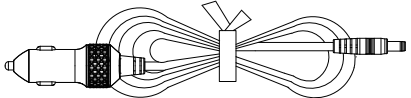
## 2. Packing List

### Standard Accessories

| Item                         | Picture                                                                              | Qty. |
|------------------------------|--------------------------------------------------------------------------------------|------|
| Portable Power Station       |     | 1    |
| AC Charging Cable            |    | 1    |
| Car Charging Cable           |    | 1    |
| Solar Charging Cable         |  | 1    |
| Grounding Screw<br>(M5 x 10) |   | 1    |
| Product Documentation        |   | 1    |
| Warranty Card                |   | 1    |

## Optional Accessories

(Available on the official BLUETTI website: <https://www.bluettipower.com>)

| Item                                                                                                | Picture                                                                               |
|-----------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| B210P Expansion Battery                                                                             |     |
| USB-C to USB-C Cable (output)                                                                       |     |
| Lead-acid Battery Charging Cable<br>(Charge the AC240P via a lead-acid battery)                     |     |
| Parallel Box                                                                                        |  |
| AC Parallel Charging Cable<br>(The appearance of the cable is subject to the cable received)        |   |
| RV Power Cable<br>(For RV's 12V devices)                                                            |   |
| PV Voltage Regulator<br>(Convert high solar panel voltage to a suitable level for battery charging) |   |
| 12V Power Cable<br>(For 12V devices with DC5521 port, such as routers, cameras, etc.)               |   |

### 3. Product Introduction

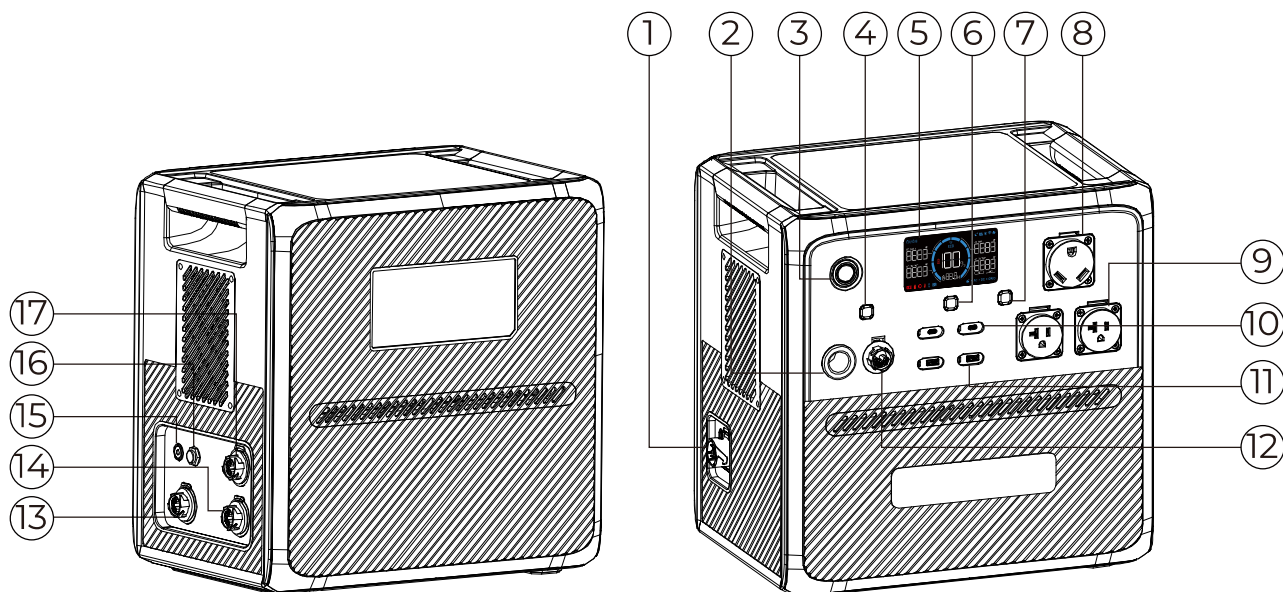
Meet the BLUETTI AC240P Power Station, an exceptional energy solution for travel enthusiasts who demand the best. With a massive 2,400W output, it can power everything from small electronics to large RV appliances. Plus, its IP65-rated water and dust resistance makes it durable enough to withstand even the harshest weather conditions. Not only that, but the AC240P also boasts an impressive battery capacity that ranges from 1,843Wh to a staggering 10,443Wh with four B210P expansion batteries. And if you need even more power, you can simply connect another AC240P for uninterrupted power for days on end.

Managing the AC240P is a breeze thanks to the BLUETTI App, which lets you control the unit's various functions and settings with ease. With features like ECO Mode and UPS Mode, you can optimize your power consumption and protect your device at all times. Whether you're camping or on a road trip, the AC240P provides a reliable and easy-to-use energy solution for your on-the-go lifestyle.

#### **Danger:**

Do not connect the AC output of AC240P to the grid.

## 4. Product Overview



① Battery Expansion Port

② Cigarette Lighter Port

③ Power Button

④ DC Power Button

⑤ LED Screen

⑥ USB Power Button

⑦ AC Power Button

⑧ NEMA TT-30 Port

⑨ AC Output

⑩ USB-C Port

⑪ USB-A Port

⑫ RV Port

⑬ DC Input

⑭ AC Input

⑮ Grounding Pole

⑯ Bleed Valve

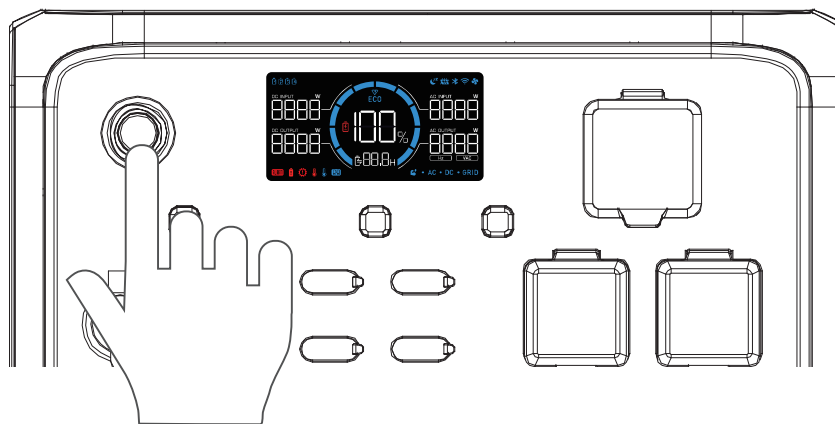
⑰ Parallel Port

## 5. Power ON / OFF

### Attention:

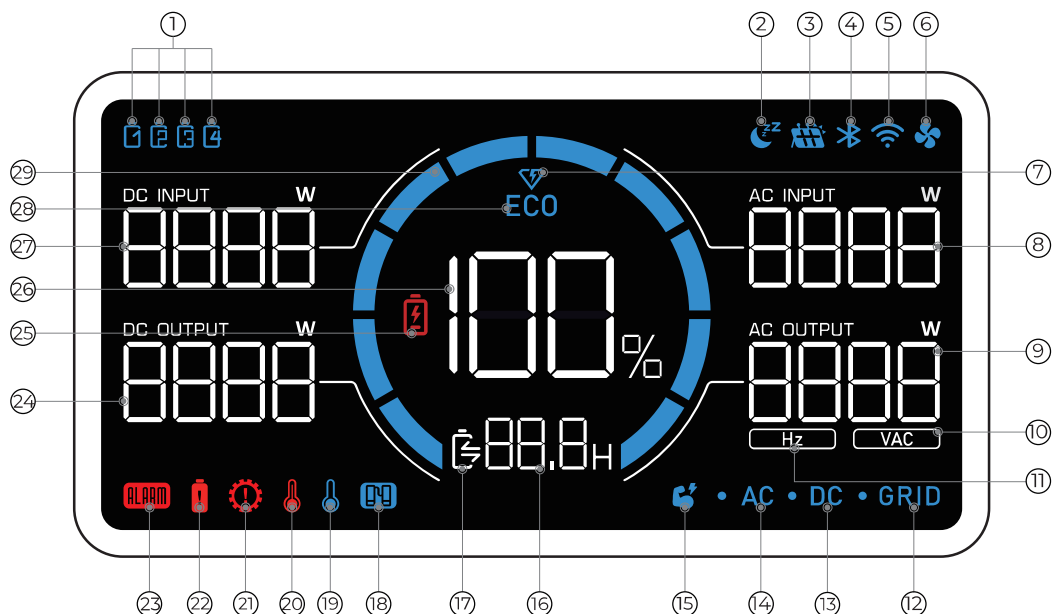
Please place the unit on the platform firmly and stably.

- Power ON: Press and hold the Power Button for more than 2 seconds, and the button lights up indicating that the AC240P is now on standby.
- Power OFF: Press and hold the Power Button for 2 seconds to turn off the unit.
- AC ON / OFF: When the AC240P is on, press the AC Power Button to turn it on / off.
- USB ON / OFF: When the AC240P is on, press the USB Power Button to turn it on / off.
- DC ON / OFF: When the AC240P is on, press the DC Power Button to turn it on / off.



## 6. LED Screen

The AC240P features an informative LED screen that offers easy access to all the essential information about the unit's status and performance. When you power on the unit, the LED screen lights up, and when you power off the unit, the screen turns off as well.



- |                        |                                     |                               |
|------------------------|-------------------------------------|-------------------------------|
| ① Expansion Battery    | ⑫ Grid Connection                   | ⑫ Overcurrent Alert           |
| ② Silent Charging      | ⑬ DC Output                         | ⑬ Fault Alert                 |
| ③ DC Input             | ⑭ AC Output                         | ⑭ DC Output Power             |
| ④ Bluetooth Connection | ⑮ Power Lifting Mode                | ⑮ Low Battery Alert           |
| ⑤ WiFi Connection      | ⑯ Charge / Discharge Remaining Time | ⑯ Battery Capacity (SoC)      |
| ⑥ Fan Status           | ⑰ Charge / Discharge Status         | ⑰ DC Input Power              |
| ⑦ Turbo Charging       | ⑱ Parallel Connection               | ⑱ ECO Mode                    |
| ⑧ AC Input Power       | ⑲ Low Temperature Alert             | ⑲ Charge / Discharge Progress |
| ⑨ AC Output Power      | ⑳ High Temperature Alert            |                               |
| ⑩ AC Output Voltage    | ㉑ Overload Alert                    |                               |
| ⑪ AC Output Frequency  |                                     |                               |

| LCD Instructions                                                                                                                                                                                 |                                                                                       |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Startup                                                                                                                                                                                          | LCD lights up                                                                         |
| Shutdown                                                                                                                                                                                         | LCD lights off                                                                        |
| Each icon represents an attached expansion battery. The AC240P can display up to 4 battery icons.                                                                                                |    |
| The AC240P is charging in Silent Charging Mode.                                                                                                                                                  |    |
| The AC240P is charging from a DC power source, such as solar panels, lead-acid batteries, etc.                                                                                                   |    |
| The AC240P connects to BLUETTI App via Bluetooth.                                                                                                                                                |    |
| The AC240P connects to BLUETTI App via WiFi.                                                                                                                                                     |    |
| When it lights up, the fan is activated and working properly. If it flashes, there may be a problem with the fan.                                                                                |    |
| The AC240P is charging in Turbo Charging Mode.                                                                                                                                                   |    |
| The real-time AC charging power.                                                                                                                                                                 |    |
| The real-time total AC output power.                                                                                                                                                             |    |
| The real-time AC output voltage.                                                                                                                                                                 |    |
| The real-time AC output frequency.                                                                                                                                                               |  |
| The AC240P is charging from the home grid.                                                                                                                                                       |  |
| The DC output is turned on.                                                                                                                                                                      |  |
| The AC output is turned on.                                                                                                                                                                      |  |
| The AC240P is operating in Power Lifting Mode.                                                                                                                                                   |  |
| The remaining time of charging or discharging.                                                                                                                                                   |  |
|  : Charging  : Discharging |  |
| The AC240P is operating in parallel mode with another AC240P unit.                                                                                                                               |  |
| The temperature inside the unit is lower than -20°C (-4°F).                                                                                                                                      |  |
| The temperature inside the unit is higher than 70°C (158°F).                                                                                                                                     |  |
| The AC240P is overloaded.                                                                                                                                                                        |  |
| The AC240P is drawing too much current, which can cause damage to the unit or any connected devices.                                                                                             |  |
| There's an issue with the AC240P, which may require troubleshooting or repair.                                                                                                                   |  |
| The real-time DC output power.                                                                                                                                                                   |  |
| The SoC drops below 5%.                                                                                                                                                                          |  |
| The remaining battery capacity.                                                                                                                                                                  |  |
| The real-time DC input power.                                                                                                                                                                    |  |
| The ECO Mode is activated to save power.                                                                                                                                                         |  |
| The bar increases during charging and decreases during discharging.                                                                                                                              |  |

## 7. Charging

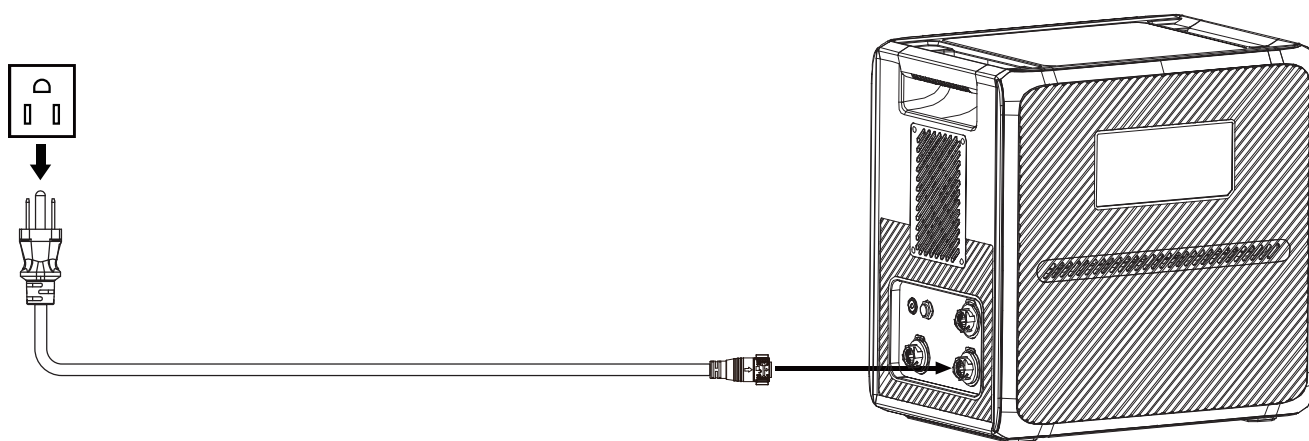
AC240P supports five charging methods: AC, solar, car, generator, and Lead-acid battery.

### Attention:

- Double-check that all cables are firmly plugged in.
- Avoid getting the plug and socket wet to prevent any potential damage.

### 7.1 AC Charging

Plug the AC240P into a standard wall outlet and start charging. Once it's fully charged, the AC240P automatically stops charging to prevent overcharging. For a fast charge, you can enable Turbo Charging in the BLUETTI App, which allows for an 80% capacity in just 45 minutes at an ambient temperature of 25°C (77°F).

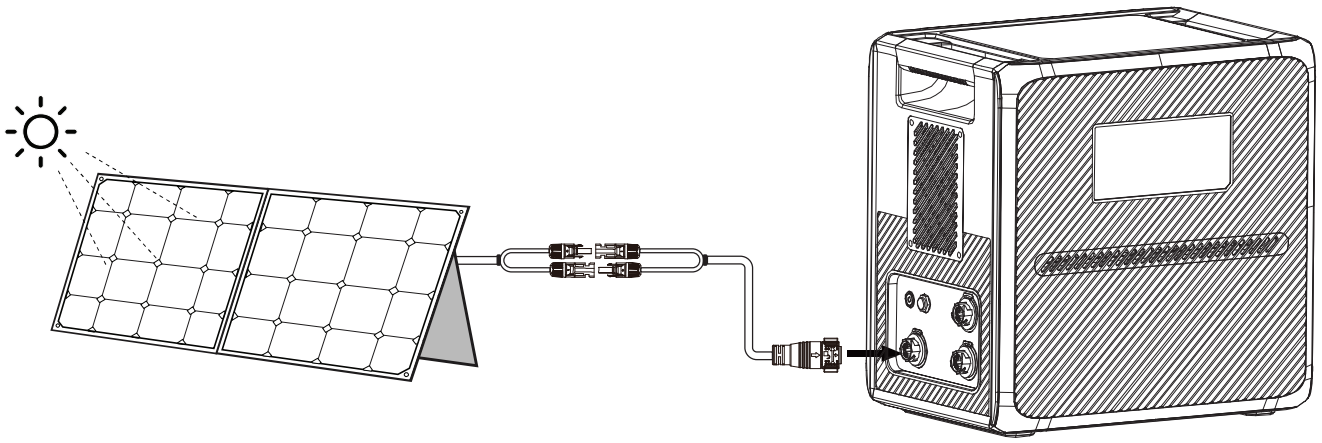


### 7.2 Solar Charging

Connect the solar panels (in series or parallel) to AC240P via the solar charging cable. When receiving a continuous input of 1200W, the AC240P can be charged up to 80% in about 1.3 hours. However, please be aware that the charging time may vary based on weather conditions, sunlight intensity, panel orientation, and other variables.

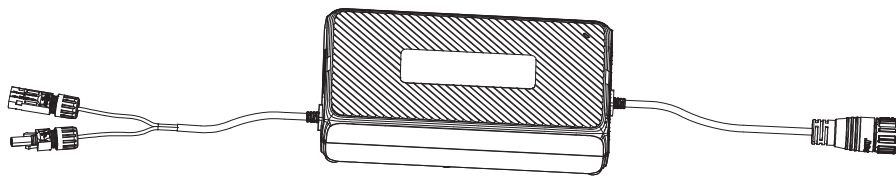
#### **Note:**

- Make sure your solar panels meet the following requirements:  
Voc: 11V-60V      Current: 21A Max.      Power: 1200W Max.
- Non-waterproof solar panels will lose efficiency if they get exposed in the rain for a long time.



### ⚠ Attention:

For solar panels with an open circuit voltage between 60V and 145V, you can still use them to charge the AC240P. Simply connect the solar panels to the AC240P via the PV Voltage Regulator, and you can enjoy seamless and hassle-free solar charging.

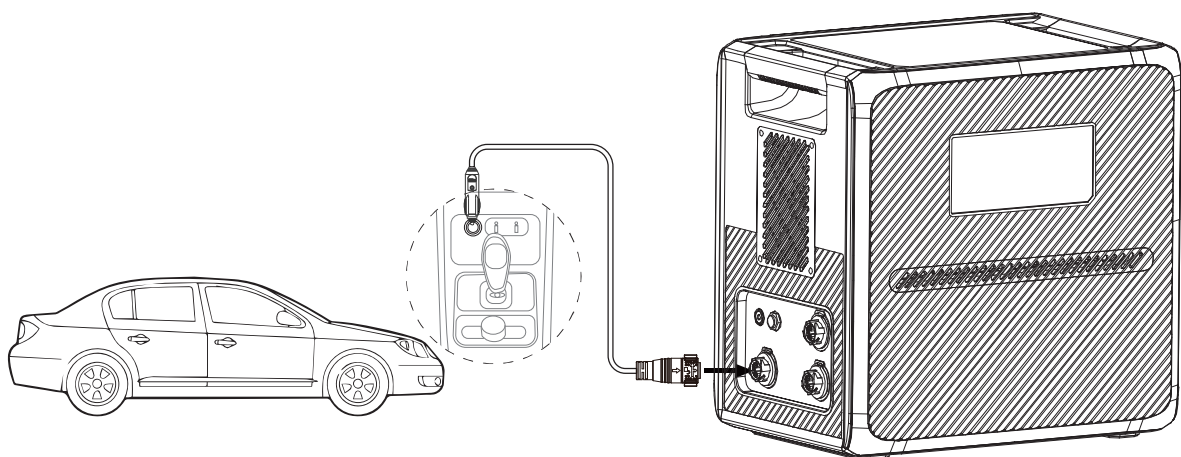


## 7.3 Car Charging

Connect AC240P to the vehicle's 12V cigarette lighter port via the car charging cable. The AC240P automatically stops charging once it's fully charged.

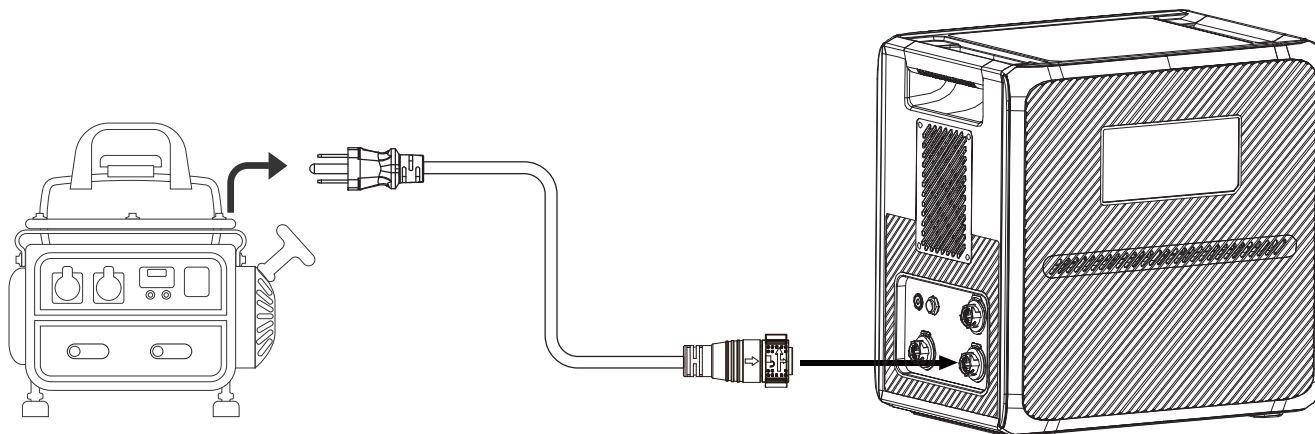
**Note:** Make sure your vehicle meets the following conditions for charging:

- The vehicle is capable of supplying power with a maximum current of 8A.
- The vehicle's engine is running during the charging process.



## 7.4 Generator Charging

Connect the AC240P to a generator via the AC charging cable. The AC240P also automatically stops charging when it's fully charged.

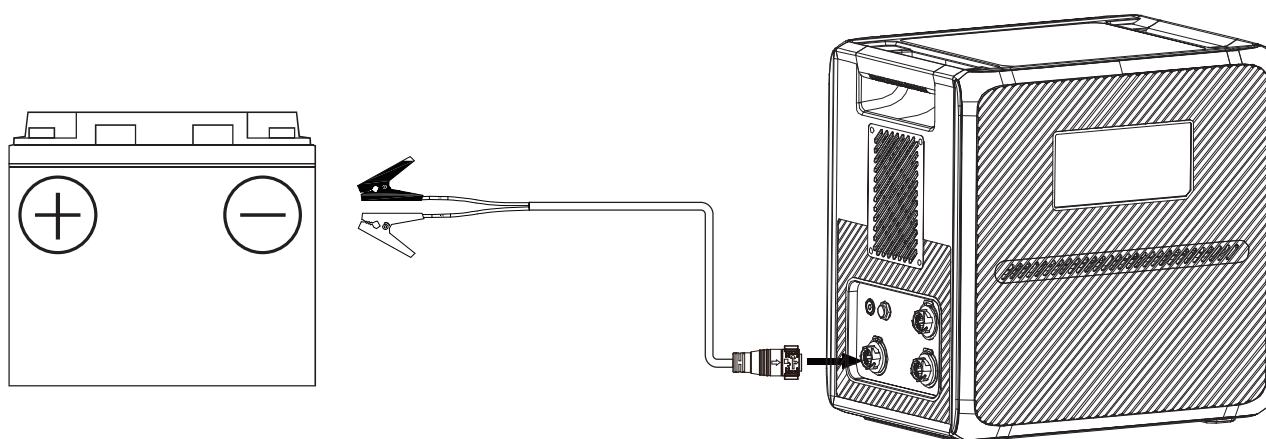


**Note:** Make sure your generator delivers the AC output with charging voltage, frequency, and Grid Self-adaption Mode voltage that meet AC240P's specifications.

If the total power demand of your connected devices exceeds the generator's output capacity, please turn on the Grid Self-adaption Mode to ensure a seamless charging experience.

## 7.5 Lead-acid Battery Charging

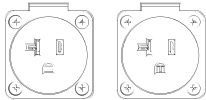
In this method, the AC240P is charged by connecting the lead-acid battery and the AC240P DC/PV port via the optional lead-acid battery charging cable, as shown in the figure below.



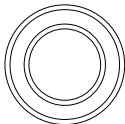
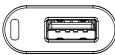
## 8. Discharging

Besides the cigarette lighter port, USB-A, and USB-C, AC240P also features two types of AC outlets and an RV port, expanding your charging options.

### 8.1 AC Discharging

| Port                          | Picture                                                                           | Description                                     |
|-------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------|
| AC Outlet<br>x 2              |  | For AC electrical devices.                      |
| NEMA TT-30 x 1<br>(AC output) |  | For AC electrical devices with NEMA TT-30 plug. |

### 8.2 DC Discharging

| Port                          | Picture                                                                             | Specifications    | Compatible Loads                                                              |
|-------------------------------|-------------------------------------------------------------------------------------|-------------------|-------------------------------------------------------------------------------|
| Cigarette Lighter Port<br>x 1 |   | 12V / 10A         | 12V DC appliances up to 120W power.<br>e.g. car refrigerator, air conditioner |
| USB-A x 2                     |  | QC 3.0, 18W Max.  | Mobile phones and other small loads.                                          |
| USB-C x 2                     |  | PD 3.0, 100W Max. | Mobile phones, laptops, etc.                                                  |
| RV Port x 1                   |  | 12V / 30A         | RV's 12V DC appliances.                                                       |

**Note:** To ensure optimal performance, avoid short-circuiting the ports and keep them dry during use or storage. Additionally, do not block or cover the ports while ensuring proper ventilation.

## 9. Settings

The AC240P offers the convenience of adjusting its settings either via the LED screen or the BLUETTI App. With the unit's LED screen, you have direct control over various settings such as Power Lifting Mode, ECO Mode, output frequency, and charging modes. Additionally, by using the BLUETTI App, you can access a user-friendly interface on your phone to conveniently monitor and control the AC240P.

### 9.1 Setting Mode

When the screen is on, press and hold the AC and DC Power Buttons for about 2 seconds till the output frequency flashes to enter the Setting Mode.

### 9.2 ECO Mode

The AC240P has two ECO modes that help you save power and extend battery life:

- AC-ECO Mode

In this mode, if the AC power output falls below a certain level for a set period of time, the AC power will automatically turn off.

**Note:** This mode is not available when the AC240P is charging from an AC source like a wall outlet or generator.

**Note:** This mode can only be configured using the BLUETTI App.

- DC-ECO Mode

In this mode, if the DC power output falls below a certain level for a set period of time, the DC power will automatically turn off.

#### Attention:

- The AC-ECO and DC-ECO modes are enabled by default to save energy, and it's recommended to keep them enabled at all times.
- Use the BLUETTI App to enable or disable AC-ECO Mode and DC-ECO Mode separately. If you use the LED screen, they'll be turned on or off at the same time.
- To avoid any interruption in charging, disable ECO Mode when charging a small device that consumes less than 60W of power.

In the Setting Mode, press the DC Power Button to navigate through the setting items. When the **ECO** icon flashes on the screen, press the AC Power Button to enable or disable the ECO Mode.

### 9.3 Frequency Switching

The current output frequency (50Hz / 60Hz) is displayed in the lower right corner of the screen. In the Setting Mode, press the DC Power Button to navigate until the output frequency appears on the screen. Then, press the AC Power Button to switch the frequency options based on your requirements.

**Note:** Turn off AC Power Button before setting Frequency.

## 9.4 WiFi & Bluetooth Connection

To connect the AC240P to the BLUETTI App, turn on the WiFi or Bluetooth first. In the Setting Mode, press the DC Power button to navigate through the setting items. When the  icon flashes on the screen, press the AC Power Button to turn Bluetooth on. Similarly, when the  icon flashes on the screen, press the AC Power Button to toggle WiFi on.

## 9.5 Power Lifting Mode

The Power Lifting Mode is specifically designed to handle resistive loads up to 3,600W, including electric blankets, kettles, hairdryers, and other heating devices. To enable it, access the Setting Mode, navigate with the DC Power Button until the  appears, and press the AC Power Button to enable the mode.

**Note:** The Power Lifting Mode is not enabled by default and is only suitable for resistive loads with a power rating between 2,400W-3,600W.

Although the AC240P can handle higher power demands, its actual operating power remains at 2,400W. Also, the mode is not available when the AC240P is working with another AC240P unit in parallel.

## 9.6 AC Charging Mode

The AC240P supports 3 AC charging modes - Standard, Turbo, and Silent to fit your specific needs. In the Setting Mode, use the DC power button to navigate until the  or  icon starts flashing on the screen. Then, press the AC power button to choose the charging modes. Please refer to the table below for useful instructions.

| Mode     | Recharging Power |            |            | Description                        | Note                                                       | Icon                                                                                |
|----------|------------------|------------|------------|------------------------------------|------------------------------------------------------------|-------------------------------------------------------------------------------------|
|          | AC               | PV         | AC+PV      |                                    |                                                            |                                                                                     |
| Standard | 800W Max.        | 800W Max.  | 800W Max.  | Fully charged in about 3 hours     | More friendly to AC240P's battery.                         | None                                                                                |
| Turbo    | 2400W Max.       | 1200W Max. | 2400W Max. | 80% charge in 45 minutes           | Comes in handy when recharging time is a priority.         |  |
| Silent   | 800W Max.        | 800W Max.  | 800W Max.  | Low operation noise less than 50dB | Offers a quiet, low-power operation for long battery life. |  |

## 9.7 UPS Mode

With the UPS mode enabled, the AC240P can provide uninterrupted power to your essential appliances during a power outage. And there are four different modes available through the BLUETTI App, allowing you to choose the best option for your needs.

### • Standard UPS Mode

In this mode, the AC240P and its expansion batteries (if any) are always charged using available solar or grid power, ensuring that they are ready to provide backup power in case of a grid failure. When the grid fails, the AC240P units seamlessly take over to keep your devices running without any interruption.

**Note:** This mode is only available when two AC240P units are connected in parallel.

### • Time Control UPS Mode

This mode allows you to program the AC240P to charge during off-peak hours when electricity is cheaper. Then, during peak hours when electricity is more expensive, the AC240P seamlessly switches over to power your devices, helping you to save money on your electricity bills.

### • PV Priority UPS Mode

In this mode, the AC240P is mainly charged by solar energy to save power. You can also set a specific State of Charge (SoC) threshold. AC240P charges from the grid until reaching the designated SoC, and then seamlessly switches to solar charging for the remaining capacity.

### • Customized UPS Mode

Tailor your UPS settings to match your unique needs in this mode. Create personalized schedules for charging and discharging, set battery SoC limits, and even control the grid charging switch and scheduled charging switch according to your diverse requirements.

## 9.8 Grid Self-adaption Mode

If you can not charge the AC240P using a generator or unstable grid voltage because of unstable voltage, it is recommended that you enable the Grid Self-adaption Mode through the BLUETTI App to ensure a stable, safe charging experience for both the AC240P and your devices.

## 9.9 Max. Grid Input Current

The Max. Grid Input Current is set to 15A by default. If the grid current doesn't match this setting, adjust the setting in the BLUETTI App.

### Attention:

A single AC240P unit allows a maximum grid input current of up to 20A.

If you need to increase the setting beyond the default 15A, please contact BLUETTI Customer Service and request a password to make the necessary adjustments.

## 9.10 Exit Setting Mode

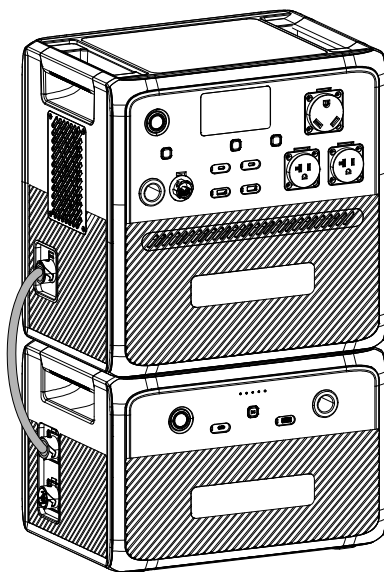
To save your AC240P settings and exit the Setting Mode, press and hold down both the DC and AC Power Buttons at the same time.

**Note:** If you do not perform any operation in 1 minute, the AC240P will automatically exit the Setting Mode, and no changes will be saved.

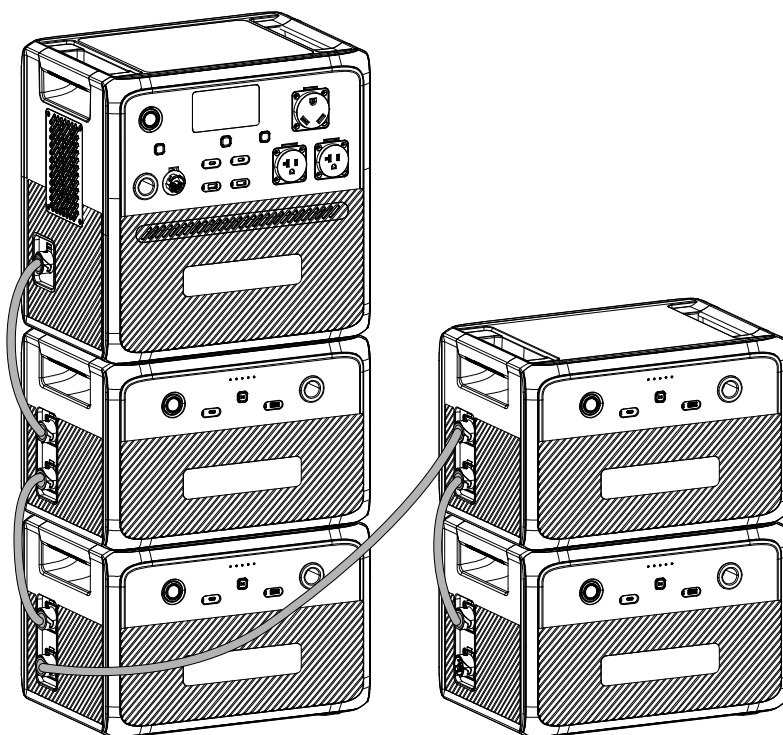
## 10. AC240P + B210P Expansion Connection

The AC240P unit supports up to 4 B210P expansion batteries, providing a total capacity of up to 10,443Wh. Follow these steps to connect the two units:

1. Make sure both the AC240P and B210P are turned off.
2. Connect them using the battery expansion cable.
3. Power the AC240P on and the B210P turns on automatically. The  displays on the AC240P's screen.



If you want to add more B210P units, please set up the system as shown.



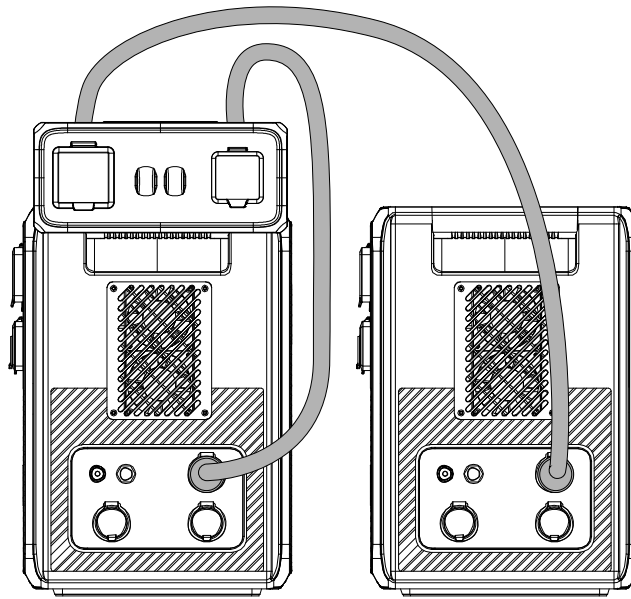
### Attention:

The AC240P connects to the upper battery expansion port of B210P.

## 11. Parallel Operation

To increase your power output, you can connect two AC240P units in parallel. When connected in this way, the two units can deliver up to 4,800W of power. To connect them, please follow these steps:

1. Make sure both AC240P units are turned off.
2. Connect them using the parallel box.
3. Power on one AC240P unit, and the other unit will automatically turn on.



When you connect your parallel system to a wall outlet, your devices will get power from either the grid or the system, depending on their power demand. If the demand is lower than 4,000W, they'll get power directly from the grid. But if the demand is between 4,000W-4,800W, they'll draw from the system.

**Note:**

- All the settings made on one AC240P unit will be synchronized to the other unit.

If you need to adjust the Max. Grid Input Current, please use the BLUETTI App and make the necessary changes.

- Charge the two AC240Ps using the Parallel Charging Cable(with parallel box in Optional Accessories) in parallel mode.

## 12. BLUETTI App

Scan the QR code below or search "BLUETTI" in the App Store or Google Play to download the BLUETTI App.



For more details, please refer to BLUETTI APP INSTRUCTIONS.

## 13. Specifications

| Model                   | AC240P                                                 |
|-------------------------|--------------------------------------------------------|
| Battery Capacity        | 1,843Wh (36Ah)                                         |
| Cell Type               | Lithium Iron Phosphate (LiFePO <sub>4</sub> , LFP)     |
| AC + DC Input Power     | 2,400W Max.                                            |
| AC+DC Output Power      | 2,500W Max.                                            |
| Weight                  | 33kg / 72lbs                                           |
| Dimensions (L × W × H)  | 419.5mm × 293.5mm × 409.5mm / 16.5in × 11.6in × 16.1in |
| Charging Temperature    | 0°C to 40°C / 32°F to 104°F                            |
| Discharging Temperature | -20°C to 40°C / -4°F to 104°F                          |
| Storage Temperature     | Up to 1 month: -20°C to 45°C / -4°F to 113°F           |
|                         | Up to 3 months: -20°C to 30°C / -4°F to 86°F           |
|                         | Up to 12 months: -20°C to 25°C / -4°F to 77°F          |
| Working Humidity        | 10% to 90%                                             |
| Noise                   | 53dB Max.                                              |
| Working Altitude        | 2,000m / 6,561ft                                       |

| AC Output                  |                                                                           |
|----------------------------|---------------------------------------------------------------------------|
| Power                      | 2,400W in total                                                           |
| Overload Power             | 2500W<load<3000W@2min;                                                    |
|                            | 3000W<load<3600W@10s;                                                     |
|                            | 3600W<load@500ms;                                                         |
| Voltage                    | 120VAC                                                                    |
| Current                    | 20A                                                                       |
| Frequency                  | 50Hz / 60Hz                                                               |
| DC Output                  |                                                                           |
| Cigarette Lighter Port × 1 | 12VDC / 10A                                                               |
| USB-A × 2                  | 18W Max. (QC3.0: 5V / 3A; 9V / 2A; 12V / 1.5A)                            |
| USB-C × 2                  | 100W Max. (PD3.0: 5/9/12/15/20V 3A; 20V / 5A, with built-in EMarker chip) |
| RV Port × 1                | 12VDC / 30A, 360W Max.                                                    |
| AC Input                   |                                                                           |
| Voltage                    | 120VAC                                                                    |
| Current                    | 20A Max.                                                                  |
| Frequency                  | 50Hz / 60Hz                                                               |
| UPS                        | Switching time ≤20ms                                                      |
| Power                      | 2,400W Max. (0%-80% in 45 minutes @ 15°C-25°C / 59°F-77°F)                |
| DC Input                   |                                                                           |
| Interface                  | 2-pin Aviation Socket                                                     |
| Power                      | 1,200W Max.                                                               |
| Current                    | 21A Max.                                                                  |
| Voltage                    | 11V to 60VDC                                                              |
| Battery Expansion Port     |                                                                           |
| Voltage                    | 44.8V to 57.6VDC                                                          |
| Input Current              | 60A Max.                                                                  |
| Parallel Port              |                                                                           |
| Interface                  | 3-pin Aviation Socket + 8-pin Aviation Socket                             |
| Output Current             | 24A Max.                                                                  |
| Bluetooth 5.0              |                                                                           |
| Transmission Frequency     | 125kbps Max.                                                              |
| RF Transmission Power      | +12dBm Max.                                                               |
| Receiving Sensitivity      | -99dBm/1Mbps                                                              |

## 14. Button Operation Instructions

| Operation                                                                                                           | Function                                                    | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|---------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Press the AC Power Button                                                                                           | Turn on / off the AC output                                 | /                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Press the DC power button                                                                                           | Turn on / off the cigarette lighter port and RV port output | /                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Press the USB Power Button                                                                                          | Turn on / off the USB output                                | /                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Press the AC and DC Power Buttons simultaneously and hold for more than 2 seconds till the output frequency flashes | Enter / exit the Setting Mode                               | In the Setting Mode, the icons for the currently enabled functions remain lit, except for the flashing output frequency icon.<br>If you do not perform any operation in 1 minute, the AC240P will automatically exit the Setting Mode, and no changes will be saved.                                                                                                                                                                                                             |
| Press the DC Power Button in the Setting Mode                                                                       | Navigate through the setting items                          | The flashing setting item is selected and editable. In the Setting Mode, the corresponding codes will be displayed on the left side:<br>P01: Output Frequency<br>P03: Charging Mode<br>P04: Power Lifting Mode<br>P05: ECO Mode<br>P06: Bluetooth<br>P07: WiFi                                                                                                                                                                                                                   |
| Press the AC Power Button when the setting item is flashing                                                         | Enable or disable the selected function.                    | /                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Press and hold the DC Power Button in the Setting Mode                                                              | Switch the status page                                      | You can view relevant information on the status page.<br> : Serial Number<br> : Error code<br> : Historical faults<br> : Version |

## 15. Troubleshooting

In the Setting Mode, press and hold the DC power button to switch the status page until the  icon and the error code appear simultaneously on the screen. Please refer to the table below for helpful guidance.

| Error Code | Alarm Icon                                                                          | Description                                        | Troubleshooting                                                                                                                         |
|------------|-------------------------------------------------------------------------------------|----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| E001       |    | Inverter overload                                  | Check if the power consumption of your devices is too high. Reduce the load if necessary.                                               |
| E002       |    | Inverter overtemperature protection, AC output off | Wait for about 10 minutes until the unit cools down, then turn on the AC output again.                                                  |
| E003       |    | Inverter short circuit                             | 1.Check if the power consumption of your devices is too high.<br>2.Check if any of your electrical devices are causing a short circuit. |
| E033       |  | PV overvoltage                                     | Make sure the PV input voltage is within the range of 11V-60VDC.                                                                        |
| E039       |  | PV overtemperature                                 | Wait for about 10 minutes until the unit cools down, then re-enable the PV input.                                                       |
| E065       |  | DC output short circuit                            | 1.Check if the power consumption of your devices is too high.<br>2.Check if any of your electrical devices are causing a short circuit. |
| E067       |  | DC output overcurrent                              | Check if the power consumption of your devices is too high. Reduce the load if necessary.                                               |
| E068       |  | DC output overtemperature                          | Wait for about 10 minutes until the unit cools down, then restart your devices.                                                         |
| E085       |  | Charging temperature too high                      | Wait for the unit to cool down before charging.                                                                                         |
| E086       |  | Charging temperature too low                       | Make sure the unit is placed in an ambient temperature of 0°C to 40°C (32°F to 104°F).                                                  |
| E087       |  | Discharging temperature too high                   | Wait for the unit to cool down before discharging.                                                                                      |

|        |                                                                                   |                                 |                                                                                             |
|--------|-----------------------------------------------------------------------------------|---------------------------------|---------------------------------------------------------------------------------------------|
| E088   |  | Discharging temperature too low | Make sure the unit is placed in an ambient temperature of -20°C to 40°C (-4°F to 104°F).    |
| E099   |  | Grid overfrequency              | Check if the grid frequency is too high.<br>Contact your local power provider if necessary. |
| E100   |  | Grid underfrequency             | Check if the grid frequency is too low.<br>Contact your local power provider if necessary.  |
| Others | /                                                                                 | /                               | Please contact BLUETTI support for assistance.                                              |

## Appx. 1 Estimating Operation Time

To estimate the operation time of the AC240P, consider the load you're applying:

Operation time = Battery Capacity (Wh) x DoD x  $\eta$  ÷ (Load Power + AC240P Self-consumption)

**Note:** DoD refers to the depth of discharge. AC240P works at 95% DoD for longer battery life.

$\eta$  is the conversion efficiency of the inverter, typically over 85% for AC240P.

Please keep in mind that the estimated operation time provided is for reference purposes and may vary based on actual usage conditions. Factors such as low temperature and excessive loads can significantly affect the battery capacity, leading to a reduction in the average operation time.

## Appx. 2 FAQ

**Q1: How do I know whether my devices will work well with this product?**

**A:** Please evaluate the total constant load of your devices. If it doesn't exceed the Max. output power of AC240P (2400W), you can use this power station to run your devices.

**Note:** Some devices with built-in motors or compressors may start at 2-4 times the rated power, which can easily overload the AC240P.

**Q2: Can I use third-party solar panels to charge this product?**

**A:** Yes, you can. However, make sure your solar panels have an open circuit voltage of 11V-60V and are equipped with MC4 connectors. It's also important not to mix different types of solar panels.

**Q3: Can it charge and discharge at the same time?**

**A:** Yes. It supports pass-through charging. The AC240P comes with the premium LiFePO<sub>4</sub> battery and proprietary Battery Management System to ensure that it can charge and discharge at the same time.

**Q4: Why is the charging power often too low?**

**A:** AC240P has a built-in intelligent BMS that automatically adjusts the charging power in response to the battery temperature and SoC, thus protecting the battery and

## Appx. 3 FCC Statement

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.
- (2) This device must accept any interference received, including interference that may cause undesired operation.

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.

**FCC Caution:** Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

### IMPORTANT NOTE: FCC Radiation Exposure Statement

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

## Appx. 4 IC Caution

This device contains licence-exempt transmitter(s) / receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

- (1) This device may not cause interference.
- (2) This device must accept any interference, including interference that may cause undesired operation of the device.

**RF exposure statement:** The equipment complies with IC Radiation exposure limits set forth for uncontrolled environments. This equipment should be installed and operated with a minimum distance of 20cm between the radiator and your body.

**CAN ICES-3 (B)/NMB-3(B) (Canada)**

This Class B digital apparatus complies with Canadian ICES-003.

Cet appareil contient des émetteurs / récepteurs exemptés de licence conformes aux RSS (RSS) d'Innovation, Sciences et Développement économique Canada. Le fonctionnement est soumis aux deux conditions suivantes:

Cet appareil ne doit pas causer d'interférences.

Cet appareil doit accepter toutes les interférences, y compris celles susceptibles de provoquer un fonctionnement indésirable de l'appareil.

**Déclaration d'exposition RF:**

L'équipement est conforme à la limite d'exposition aux radiations de la IC établie pour un environnement non contrôlé. Cet équipement doit être installé et utilisé avec une distance minimale de 20cm entre le radiateur et votre corps.



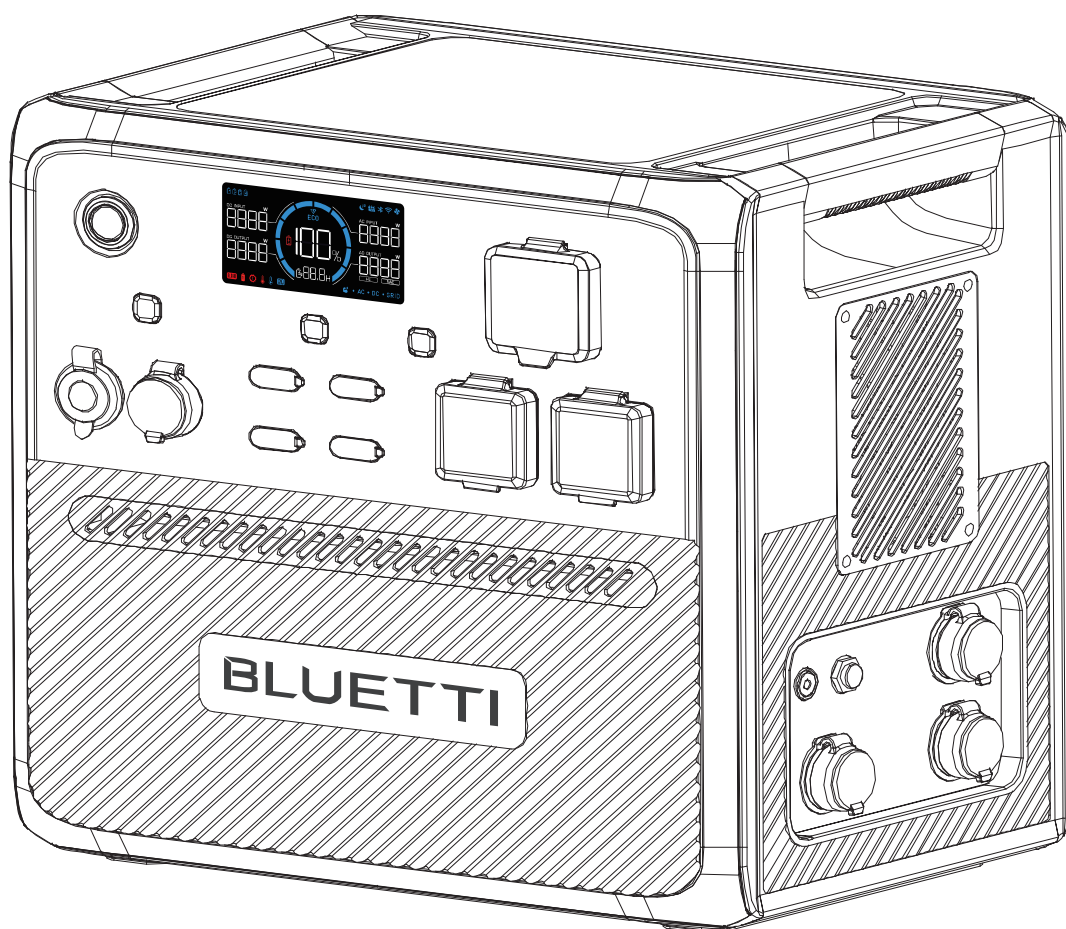
# AC240P

## Station d'énergie portable

### Guide d'utilisateur v1.0

Veillez lire attentivement ce manuel avant d'utiliser l'appareil, puis conservez-le pour vous y référer ultérieurement.





### Avertissement

1. Chargez l'appareil avant la première utilisation.
2. N'utilisez pas de panneaux solaires dont la tension de circuit ouvert est supérieure à 60 V CC. La plage de tension d'entrée solaire de l'unité est comprise entre 11 V et 60 V CC.
3. Chargez l'appareil immédiatement lorsque le SoC est inférieur à 5 %. Si le SoC chute à 0, éteignez l'appareil et chargez-le pendant au moins 30 minutes avant de le redémarrer.
4. L'appareil est destiné à une utilisation hors réseau uniquement. Ne connectez pas sa sortie CA au réseau.
5. Si vous n'utilisez pas l'appareil pendant plus de 3 mois, chargez-le à 40 %~60 % de sa capacité et rangez-le en veillant à ce qu'il ne soit pas sous tension. Pour une durée de vie optimale de la batterie, déchargez et rechargez l'appareil tous les 3 mois.

## Merci !

Merci d'avoir choisi BLUETTI.

Dès les premières heures, BLUETTI s'est efforcé de promouvoir la durabilité pour un avenir meilleur, en proposant des solutions de stockage d'énergie vertes. Les produits BLUETTI vous proposent une expérience écologique exceptionnelle, pour le respect de nos maisons et de notre monde.

C'est pourquoi BLUETTI est présent dans plus de 100 pays et a obtenu la confiance de millions de clients à travers le monde.



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## Avis

Les produits, services et fonctionnalités de BLUETTI sont soumis aux conditions générales convenues lors de l'achat. Veuillez noter que certains produits, services ou fonctionnalités décrits dans ce manuel peuvent ne pas être disponibles dans le cadre de votre contrat d'achat. Sauf indication contraire dans le contrat, BLUETTI ne fournit aucune représentation ou garantie d'aucune sorte, expresse ou implicite, concernant le contenu de ce manuel.

Le contenu de ce manuel peut être modifié sans préavis. Veuillez obtenir la dernière version du manuel sur le site officiel de BLUETTI.

Si vous avez des questions ou des préoccupations concernant ce manuel, veuillez contacter l'équipe de support BLUETTI pour obtenir de l'aide.

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# 1. Consignes de sécurité

Lisez ce manuel pour savoir comment utiliser correctement le produit et connaître les consignes de sécurité correspondantes. Les consignes de sécurité sont fournies à titre d'exemple et comprennent, sans s'y limiter, les exigences énumérées dans le présent manuel. Le fonctionnement réel doit être conforme à toutes les normes de sécurité applicables. Si vous avez des questions, n'hésitez pas à contacter l'équipe de support BLUETTI ou votre revendeur local.

## 1.1 Déclaration

Pour garantir un fonctionnement sûr, il est essentiel de respecter les conditions suivantes :

- Utilisez ou stockez toujours le produit dans les conditions spécifiées dans ce manuel.
- Évitez tout démontage, tout remplacement des composants ou toute modification des codes logiciels non autorisés.

**⚠** BLUETTI n'est pas responsable des dommages résultant des circonstances suivantes :

- Les cas de force majeure tels que les tremblements de terre, les incendies, les tempêtes, les inondations ou les coulées de boue.
- Les dommages causés par le transport du client.
- Les dommages résultant de conditions de stockage inadéquates telles que spécifiées dans le manuel.
- Les dommages causés par la négligence du client, une mauvaise utilisation ou des actions intentionnelles.
- Les dommages occasionnés au système ou au matériel par des tiers ou des clients, y compris, mais sans s'y limiter, une manipulation ou une installation non conforme aux consignes du présent manuel.
- L'utilisation du produit avec des appareils nécessitant une alimentation sans interruption (ASI) de haute performance, y compris, mais sans s'y limiter, les serveurs de données, les stations de travail, les équipements médicaux et d'autres appareils similaires.

## 1.2 Exigences générales

CONSIGNES RELATIVES AU RISQUE D'INCENDIE, D'ÉLECTROCUTION OU DE BLESSURE  
CONSIGNES DE SÉCURITÉ IMPORTANTES

### AVERTISSEMENT :

Les précautions de base suivantes doivent toujours être prises lorsque vous utilisez ce produit :

- Lisez l'ensemble des consignes avant toute utilisation du produit.
- Pour réduire le risque de blessure, une surveillance étroite est nécessaire lorsque vous utilisez le produit à proximité d'enfants.
- Ne placez pas vos doigts ou vos mains à l'intérieur du produit. N'insérez pas de corps

étrangers dans les ports du produit.

- L'utilisation d'un accessoire non recommandé ou vendu par le fabricant peut entraîner un risque d'incendie, d'électrocution ou de blessure.
- Pour réduire le risque d'endommagement de la fiche et du câble électriques, tirez au niveau de la fiche plutôt que sur le cordon lors du débranchement.
- N'utilisez pas un bloc-batterie ou un appareil endommagé ou modifié, car ils peuvent présenter un comportement imprévisible entraînant un risque d'incendie, d'explosion ou de blessure.
- N'utilisez pas le produit avec un câble ou une fiche endommagés, ou un câble de sortie endommagé.
- Seul le personnel autorisé peut remplacer la batterie interne ou tout autre composant du produit. Aucun composant ne peut être réparé par l'utilisateur final. Ne démontez pas le produit par vous-même, adressez-vous à un technicien qualifié pour tout service de réparation ou d'entretien. Un réassemblage incorrect peut entraîner un risque d'incendie ou d'électrocution.
- Pour réduire le risque d'électrocution, débranchez le produit de la prise avant de procéder à toute opération d'entretien prévue dans les consignes.
- **AVERTISSEMENT – RISQUE DE GAZ EXPLOSIFS.** Pour réduire le risque d'explosion de la batterie, suivez ces consignes ainsi que les consignes du fabricant de la batterie et du fabricant de tout équipement que vous avez l'intention d'utiliser à proximité de la batterie. Examinez les mises en garde apposées sur ces produits et sur les moteurs.
- **PRÉCAUTIONS PERSONNELLES**
  - a. Protégez-vous complètement et portez des vêtements et des lunettes de protection. Évitez tout contact avec les yeux lorsque vous travaillez à proximité de la batterie.
  - b. Ne fumez jamais et ne produisez jamais d'étincelles ou de flammes à proximité de la batterie ou du moteur.
  - c. Travaillez avec une extrême prudence et évitez toute chute d'outil métallique sur la batterie. Cela pourrait provoquer une étincelle ou un court-circuit de la batterie ou d'autres pièces électriques, entraînant par conséquent un risque d'explosion.
- Lorsque vous chargez la batterie interne, travaillez dans un endroit bien ventilé et ne limitez en rien la ventilation.
- Dans des conditions abusives, du liquide peut être éjecté de la batterie, évitez tout contact. En cas de contact accidentel, rincez à l'eau. Si le liquide entre en contact avec les yeux, consultez immédiatement un médecin. Le liquide éjecté de la batterie peut provoquer des irritations ou des brûlures.
- N'exposez pas le produit au feu ou à une température excessive. L'exposition au feu ou à une température supérieure à 80 °C peut entraîner un risque d'explosion.
- Confiez l'entretien du produit à un réparateur qualifié qui utilisera uniquement des pièces de rechange identiques, de manière à assurer une sécurité continue.

- Ne placez rien sur la surface supérieure du produit lors de l'utilisation ou du stockage. Ne déplacez pas le produit pendant son fonctionnement, car les vibrations et les chocs soudains peuvent conduire à de mauvaises connexions avec le matériel à l'intérieur.
- En cas d'incendie, seul un extincteur à base de poudre sèche est adapté au produit.
- **AVERTISSEMENT – RISQUE DE CHOC ÉLECTRIQUE.** N'utilisez jamais le produit pour alimenter des outils électriques dans le but de couper ou d'accéder à des pièces ou des câbles sous tension, ou à des matériaux pouvant contenir des pièces ou des câbles sous tension, tels que les murs d'un bâtiment, etc.

### 1.3 Consignes de mise à la terre

Le produit est conçu pour une utilisation portable et ne nécessite généralement pas de mise à la terre. Toutefois, si vous le raccordez au réseau électrique, il est important de veiller à une mise à la terre correcte pour des raisons de sécurité. En cas de dysfonctionnement ou de panne, la mise à la terre fournit un chemin de moindre résistance pour le courant électrique afin de réduire le risque d'électrocution. Ce produit est équipé d'un câble d'alimentation CA muni d'un conducteur de mise à la terre et d'une fiche de mise à la terre. La fiche doit être branchée dans une prise correctement installée et mise à la terre conformément à tous les codes et règlements locaux.

**AVERTISSEMENT** – Une mauvaise connexion du conducteur de mise à la terre de l'équipement peut entraîner un risque d'électrocution. Vérifiez auprès d'un électricien qualifié en cas de doutes quant à la mise à la terre de l'appareil. Ne modifiez pas la fiche fournie avec le produit. Si elle n'est pas adaptée à la prise, faites installer une prise adéquate par un électricien qualifié.

### 1.4 Exigences de manipulation

Durant les phases de transport ou de stockage, veillez à éviter de faire tomber, de heurter violemment ou d'incliner le produit car cela pourrait entraîner des dommages internes. Si nécessaire, utilisez une assistance mécanique telle que des chariots ou des établis à hauteur réglable pour sécuriser la manipulation.

#### Nombre de personnes recommandé en fonction du poids du produit

| Poids         | Nombre de personnes |
|---------------|---------------------|
| <18 kg        | 1                   |
| 18 kg ~ 32 kg | 2                   |
| 32 kg ~ 55 kg | 3                   |
| >55 kg        | 4 ou un chariot     |

### 1.5 Consignes de stockage

- Lorsque le SoC atteint 5 %, veuillez charger le produit immédiatement.
- Avant de stocker le produit, veuillez le charger de manière à ce que le SoC soit compris entre 40 % et 60 % afin de préserver l'état optimal du produit. De plus, éteignez le produit et débranchez toutes les raccordements électriques de celui-ci.

- Stockez le produit dans un endroit frais et sec, à l'écart des matériaux et des gaz inflammables ou combustibles.
- Le produit peut être stocké en toute sécurité à une température comprise entre -20 °C et 45 °C. Toutefois, si la durée de stockage dépasse un mois, il est recommandé de maintenir une température de stockage idéale d'environ 30 °C.
- Afin de maintenir le produit en bon état, veuillez décharger et charger complètement l'appareil au moins une fois tous les 3 mois. Il n'est PAS recommandé de stocker l'appareil pendant des périodes prolongées, car cela peut altérer les performances et la durée de vie générale du produit.

**Si le SoC chute à 0 (pendant le stockage ou au démarrage), prenez les mesures suivantes pour redémarrer le produit en toute sécurité :**

- Mettez-le immédiatement hors tension.
- Chargez-le dans les 48 heures.
- Placez-le à une température ambiante comprise entre 5 °C et 35 °C pendant 6 heures avant de le charger. Il est recommandé de charger le produit via une source CA. Si vous le chargez à l'aide de l'énergie solaire, assurez-vous que votre système solaire fournit une puissance supérieure à 100 W.



Le symbole représenté vous rappelle de lire les consignes figurant dans la documentation accompagnant le produit avant toute utilisation ou tout entretien.

- Branchez le produit sur une prise de courant avec mise à la terre à l'aide du câble d'alimentation fourni.
- La prise de courant doit être installée à proximité du produit et facilement accessible pour des raisons de sécurité.
- Concernant l'élimination, ne jamais procéder aux actions suivantes pour cause de risque d'explosion : ne jamais placer une batterie au feu ou dans un four chaud et ne jamais écraser ou couper mécaniquement une batterie.
- Évitez de placer les batteries dans des environnements à très haute température, car cela peut entraîner une explosion ou une fuite de liquide ou de gaz inflammable.
- Les batteries soumises à une pression d'air extrêmement basse peuvent entraîner une explosion ou une fuite de liquide ou de gaz inflammable.
- Il convient d'attirer l'attention sur les critères environnementaux quant à l'élimination des batteries.
- Avant toute installation ou utilisation de l'appareil, veuillez vous référer aux informations figurant sur le dessous extérieur de l'appareil pour obtenir des informations sur les caractéristiques électriques et la sécurité.

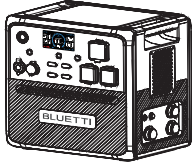
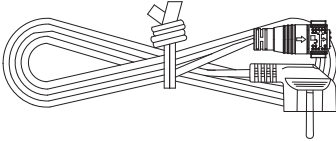
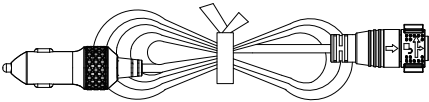
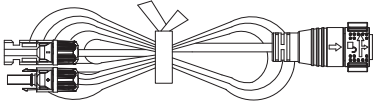
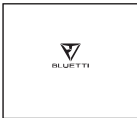
### CONSERVEZ CES CONSIGNES



**BLUETTI n'est pas responsable des dommages causés à l'équipement en raison du non-respect des consignes ci-dessus.**

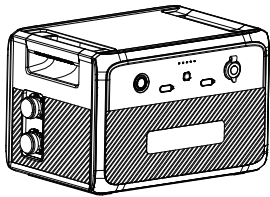
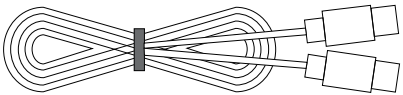
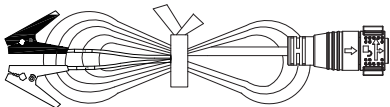
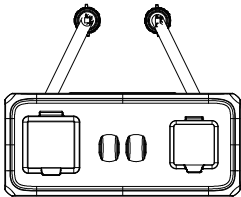
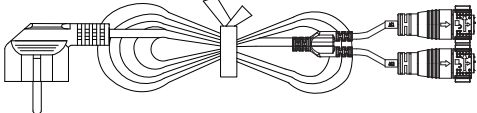
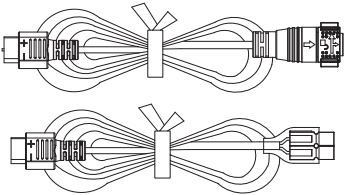
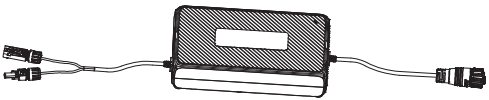
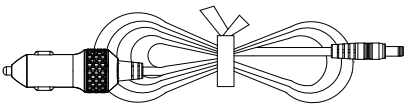
## 2. Liste d'emballage

### Accessoires standard

| Article                      | Image                                                                                | Qté. |
|------------------------------|--------------------------------------------------------------------------------------|------|
| Station d'énergie portable   |    | 1    |
| Câble de charge CA           |    | 1    |
| Câble de charge pour voiture |    | 1    |
| Câble de recharge solaire    |  | 1    |
| Vis de mise à la terre       |   | 1    |
| Manuel d'utilisation         |   | 1    |
| Carte de garantie            |  | 1    |

## Accessoires en option

(Disponibles sur le site officiel de BLUETTI : <https://www.bluettipower.com>)

| Article                                                                                                                                        | Image                                                                                |
|------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
| Batterie d'extension B210P                                                                                                                     |    |
| Câble USB-C vers USB-C (sortie)                                                                                                                |    |
| Câble de charge par batterie au plomb<br>(Charge de l'AC240P par batterie au plomb)                                                            |    |
| Boîte parallèle                                                                                                                                |  |
| Câble de charge parallèle CA<br>(L'apparence du câble dépend<br>du câble reçu)                                                                 |  |
| Câble d'alimentation pour<br>camping-car<br>(Pour les appareils 12 V<br>du camping-car)                                                        |  |
| Régulateur de tension PV<br>(Convertissez la tension élevée du panneau<br>solaire à un niveau approprié pour le<br>chargement de la batterie.) |  |
| Câble d'alimentation 12 V<br>(Pour les appareils 12 V avec un port<br>DC5521 comme les routeurs,<br>les appareils photo, etc.)                 |  |

### 3. Présentation du produit

La station d'alimentation BLUETTI AC240P est une solution énergétique exceptionnelle pour les passionnés de voyage qui exigent le meilleur. Avec une puissance de 2 400 W, elle peut tout alimenter, des petits appareils électroniques aux gros appareils de camping.

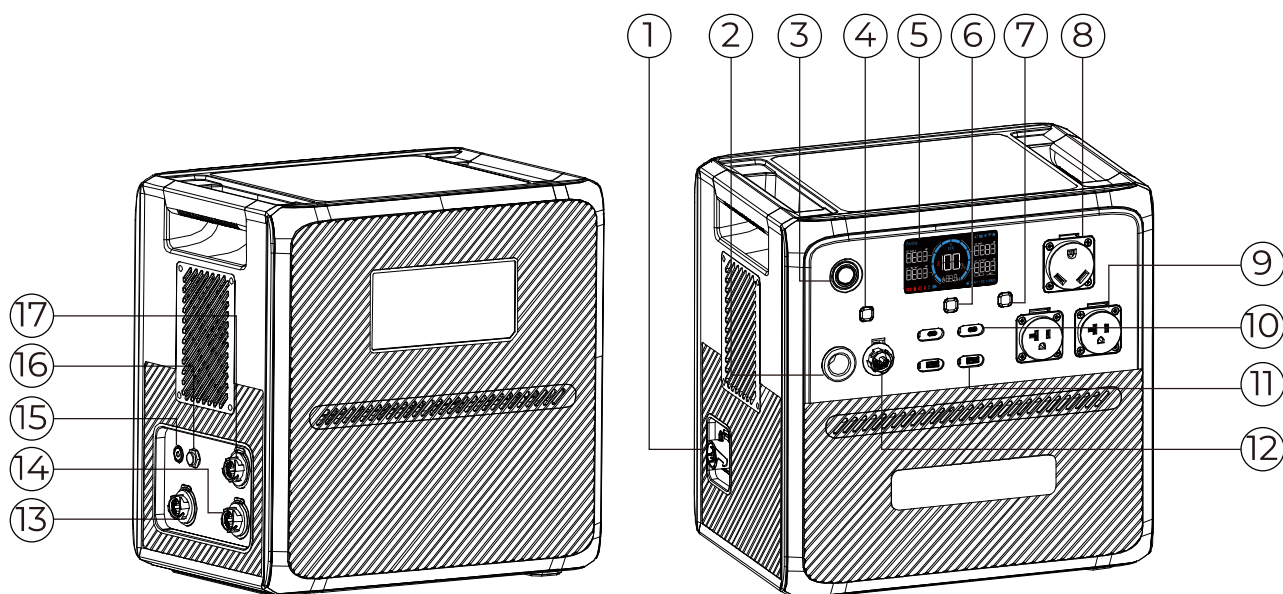
De plus, l'AC240P dispose d'une capacité de batterie impressionnante allant de 1 843 Wh à 10 443 Wh avec quatre batteries d'extension B210P. Et si vous avez besoin d'encore plus de puissance, il vous suffit de brancher un autre AC240P pour bénéficier d'une alimentation ininterrompue pendant des jours.

La gestion de l'AC240P est un jeu d'enfant grâce à l'application BLUETTI, qui vous permet de contrôler les différentes fonctions et paramètres de l'unité en toute simplicité. Avec des fonctionnalités telles que le mode ECO et le mode UPS, vous pouvez optimiser votre consommation électrique et protéger votre appareil à tout moment. Que vous soyez en camping ou en voyage, l'AC240P constitue une solution énergétique fiable et facile à utiliser pour votre mode de vie nomade.

#### **Danger :**

Ne pas connecter la sortie AC de l'AC240P au réseau.

## 4. Présentation du produit



① Port pour batterie d'extension

② Port allume-cigare

③ Bouton d'alimentation

④ Bouton d'alimentation CC

⑤ Écran LED

⑥ Bouton d'alimentation USB

⑦ Bouton d'alimentation CA

⑧ Port NEMA TT - 30

⑨ Sortie CA

⑩ Port USB-C

⑪ Port USB-A

⑫ Port pour camping-car

⑬ Entrée CC

⑭ Entrée CA

⑮ Pôle de mise à la terre

⑯ Soupape de purge

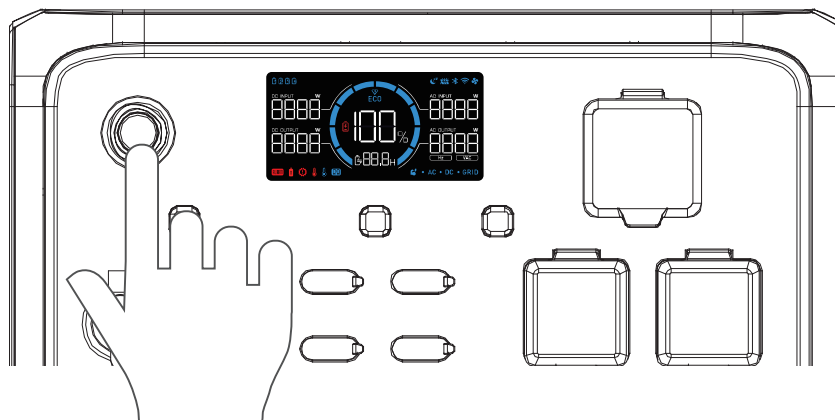
⑰ Port parallèle

## 5. Mise sous tension/hors tension

### Avertissement :

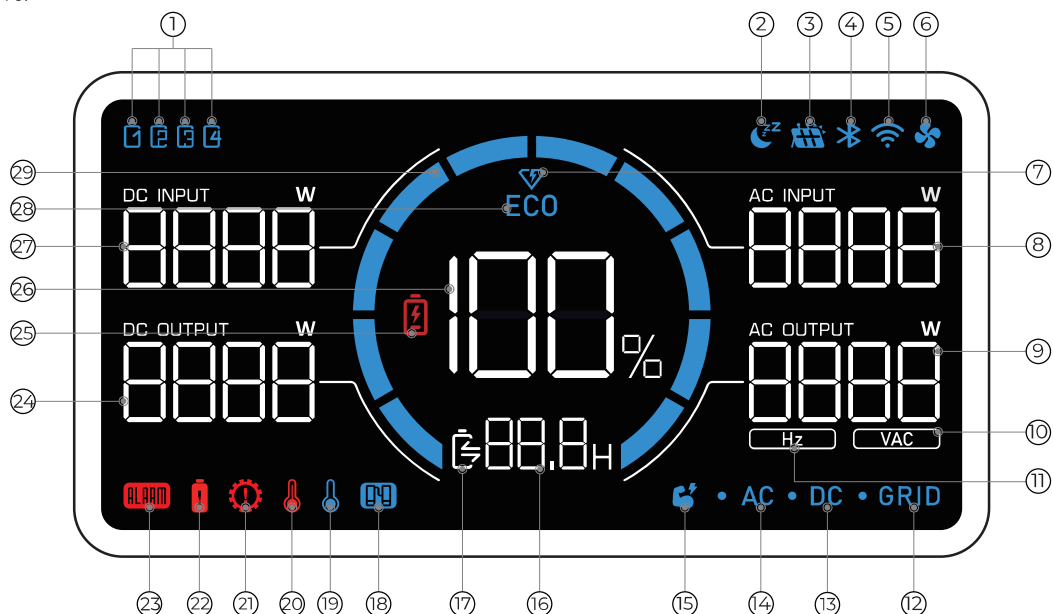
Veuillez placer l'unité sur la plate-forme de manière ferme et stable.

- Mise sous tension : Appuyez sur le bouton d'alimentation et le bouton s'allume pour indiquer que l'AC240P est maintenant en veille.
- Arrêt : appuyez sur le bouton d'alimentation pendant 2 secondes pour éteindre l'appareil.
- AC ON / OFF : Lorsque l'AC240P est allumé, appuyez sur le bouton d'alimentation AC pour l'allumer ou l'éteindre.
- USB ON / OFF : Lorsque l'AC240P est allumé, appuyez sur le bouton d'alimentation USB pour l'allumer ou l'éteindre.
- DC ON / OFF : Lorsque l'AC240P est allumé, appuyez sur le bouton d'alimentation DC pour l'allumer ou l'éteindre.



## 6. Écran LED

L'AC240P est doté d'un écran LED informatif qui permet d'accéder facilement à toutes les informations essentielles sur l'état et les performances de l'appareil. Lorsque vous allumez l'appareil, l'écran LED s'allume et lorsque vous éteignez l'appareil, l'écran s'éteint également.



- |                          |                                     |                                      |
|--------------------------|-------------------------------------|--------------------------------------|
| ① Batterie d'extension   | ⑫ Connexion au réseau               | ⑳ Alerte de surintensité             |
| ② Charge silencieuse     | ⑬ Sortie CC                         | ㉑ Alerte de défaillance              |
| ③ Entrée CC              | ⑭ Sortie CA                         | ㉒ Puissance de sortie CC             |
| ④ Connexion Bluetooth    | ⑮ Mode Augmentation de la puissance | ㉓ Alerte de batterie faible          |
| ⑤ Connexion au wifi      | ⑯ Temps de charge /décharge restant | ㉔ Capacité de la batterie (SoC)      |
| ⑥ État du ventilateur    | ⑰ État de charge/décharge           | ㉕ Puissance d'entrée CC              |
| ⑦ Charge turbo           | ⑱ Connexion parallèle               | ㉖ Mode ÉCO                           |
| ⑧ Puissance d'entrée CA  | ㉗ Alerte de température basse       | ㉘ Progression de la charge /décharge |
| ⑨ Puissance de sortie CA | ㉙ Alerte de température élevée      |                                      |
| ⑩ Tension de sortie CA   | ㉚ Alerte de surcharge               |                                      |
| ⑪ Fréquence de sortie CA |                                     |                                      |

| Indications sur l'écran LCD                                                                                                                                                                 |                                                                                       |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Mise en marche                                                                                                                                                                              | L'écran LCD s'allume                                                                  |
| Arrêt                                                                                                                                                                                       | L'écran LCD s'éteint                                                                  |
| Chaque icône représente une batterie d'extension connectée. L'AC240P peut afficher jusqu'à 4 icônes de batterie.                                                                            |    |
| L'AC240P se charge en mode de charge Silence.                                                                                                                                               |    |
| L'AC240P se charge d'une source d'alimentation CC, telle que des panneaux solaires, des batteries au plomb, etc.                                                                            |    |
| L'AC240P se connecte à l'application BLUETTI via Bluetooth.                                                                                                                                 |    |
| L'AC240P se connecte à l'application BLUETTI via le wifi.                                                                                                                                   |    |
| Lorsque l'icône est allumée, le ventilateur est activé et fonctionne correctement. Lorsque l'icône clignote, le ventilateur présente sûrement un problème.                                  |    |
| L'AC240P se charge en mode de charge Turbo.                                                                                                                                                 |    |
| La puissance de charge CA en temps réel.                                                                                                                                                    |    |
| La puissance de sortie CA totale en temps réel.                                                                                                                                             |    |
| La tension de sortie CA en temps réel.                                                                                                                                                      |   |
| La fréquence de sortie CA en temps réel.                                                                                                                                                    |  |
| L'AC240P se recharge à partir du réseau domestique.                                                                                                                                         |  |
| La sortie CC est activée.                                                                                                                                                                   |  |
| La sortie CA est activée.                                                                                                                                                                   |  |
| L'AC240P fonctionne en mode Augmentation de la puissance.                                                                                                                                   |  |
| Le temps restant de charge ou de décharge.                                                                                                                                                  |  |
|  : charge  : décharge |  |
| L'AC240P fonctionne en mode parallèle avec une autre unité AC240P.                                                                                                                          |  |
| La température dans l'unité est inférieure à -20 °C.                                                                                                                                        |  |
| La température dans l'appareil dépasse les 70 °C.                                                                                                                                           |  |
| L'AC240P est surchargé.                                                                                                                                                                     |  |
| L'AC240P consomme trop, ce qui peut endommager l'appareil ou les dispositifs connectés.                                                                                                     |  |
| L'AC240P présente un problème qui peut nécessiter un dépannage ou une réparation.                                                                                                           |  |
| La puissance de sortie CC en temps réel.                                                                                                                                                    |  |
| Le SoC descend en dessous de 5 %.                                                                                                                                                           |  |
| L'autonomie restante.                                                                                                                                                                       |  |
| La puissance d'entrée CC en temps réel.                                                                                                                                                     |  |
| Le mode ÉCO est activé pour économiser de l'énergie.                                                                                                                                        |  |
| La barre s'allonge pendant la charge et diminue pendant la décharge.                                                                                                                        |  |