X30
Portable Power Bank

User Manual

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

BLUETTI

20%
INPUT
25.2V 3A
OUTPUT
12.0V 5A
DC

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 for both indoor and outdoor use while delivering an exceptional eco-friendly experience for our homes and our world. That's why BLUETTI makes its presence in 70+ countries and is trusted by millions of customers across the globe.

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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 unit. Follow the warnings and instructions marked on the unit and its accessories.
Pay attention to the "Instruction", "Caution", "Warning" and "Danger" symbols in this manual, and follow the instructions carefully to avoid injury or damage. For operations not covered in the manual, please contact our company if necessary. BLUETTI will not be responsible for unauthorized operations.
The Safety Requirements 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.

1.1. General Safety

- Always operate or store the unit in the conditions specified in this manual.
- The installation and ambient conditions must comply with the regulations in the relevant international, national or regional standards.
- Unauthorized disassembly, alteration of the equipment or modification of the software code is not allowed.

⚠ BLUETTI shall not be liable for the following circumstances:

- Equipment damage caused by force majeure, such as earthquake, fire, storm, flood, mudslide, etc.
- Damage or loss during customer's own transportation.
- Damage caused by storage conditions that do not meet the requirements specified in this manual.
- Damage to the hardware or data of the equipment due to customer negligence, improper operation or intentional damage.
- Damage to the system caused by a third party or the customer, including handling and installation that does not meet the requirements specified in this manual.
- Damage caused by adjustment, alteration or removal of identification marks.

⚠ Regulate your operations to avoid danger:

- Do not install, use and maintain the unit in adverse weather conditions such as lightning, rain, snow and strong breezes (including but not limited to handling and operating the unit, plugging and unplugging signal connections to outdoor facilities, working at height, outdoor installations, etc.).
- Always turn off the power source before starting any electrical work.
- Do not clean the unit with water.
- Do not disassemble, modify, tamper with or repair the unit on your own.
- Regularly inspect the unit and its accessories for damage or deterioration.
- If the unit’s enclosure is cracked during transportation or use, do not use it and contact BLUETTI support or your local BLUETTI dealers.
- Use a dry powder extinguisher if the unit catches fire.

- In case of fire, EVACUATE the building or affected area immediately, activate the closest FIRE ALARM system and CALL 9-1-1 or your local emergency phone number.
- Use genuine cables and accessories provided by BLUETTI.
- Keep the unit away from heat sources or high temperatures, and do not expose it to direct sunlight.
- Do not store the unit with flammable liquids, gases, or explosive materials.
- Make sure the area where you are using the unit is well ventilated and spacious.
- Do not block or cover the vents of the unit as this may cause irreversible damage to it.
- Use the unit for its intended purpose and avoid stacking objects on top of it during storage or use.
- Do not move the unit during operation as the vibrations and shocks associated with movement may cause damage to the internal hardware.
- In case of malfunction, turn off the unit immediately and contact BLUETTI support or your local BLUETTI dealers if this manual cannot adequately explain the malfunction to you.
- Do not place the unit on an unstable or inclined surface.
- Do not insert foreign objects into any port and vent of the unit.
- Keep away from children and pets.

⚠ Legal and Regulatory Requirements

- The transportation, wiring and maintenance shall comply with all applicable laws, regulations and standards.
- User-provided materials and tools required shall meet the requirements specified in applicable laws, regulations and relevant standards.

1.2. Storage and usage

- When not using the unit for over 3 months, charge it to 40% to 60% SoC to keep it in optimal condition.
- Store the unit in a cool and dry place. The ideal temperature range is 10°C to 30°C. The unit can be safely charged and discharged at temperatures of -20°C to 40°C. However, it's NOT recommended to store the unit in harsh temperatures for extended periods of time.
- Fully cycle the unit every 3 months to maintain the battery's health.
- Clean the unit with a soft dry cloth.
- Before storing the unit, power it off and remove all electrical connections from it.

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

1)Shut down immediately.

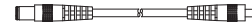
2)Charging within 48 hours.

3)Battery should be kept at an ambient temperature of 5°C to 35°C for 24 hours before charging.

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

2. What's In The Box

Standard Packaging

No.	Item	Picture	Qty.
①	Portable Power Bank		1
②	DC 12V/5A Power Cable (Ⅰ)		1
③	DC 12V/5A Power Cable (Ⅱ)		1
④	DC 24V/4A Power Cable		1
⑤	DC 24V/4A Power Cable		1
⑥	DC 24V/4A Power Cable		1
⑦	Connector for HP (Connecting with ⑤ together to power AirSense 10)		1
⑧	Connecting Adaptor (Connecting with ⑤ (tagged end) to power DC15V Transcend Mini)		1

Standard Packaging

No.	Item	Picture	Qty.
⑨	AC Adaptor		1
⑩	Storage Bag		1
⑪	User Manual		1

3. Product Overview

X30 is a DC portable power bank with an internal integrated large capacity battery pack. With external adapter charging, LCD display, USB-A and 12V/15V/24V DC output, it is suitable for CPAP power supply and mobile phone charging. Refer to 6. Specifications for more details of X30.

The keys and interfaces of X30 are shown in Figure 3-1.

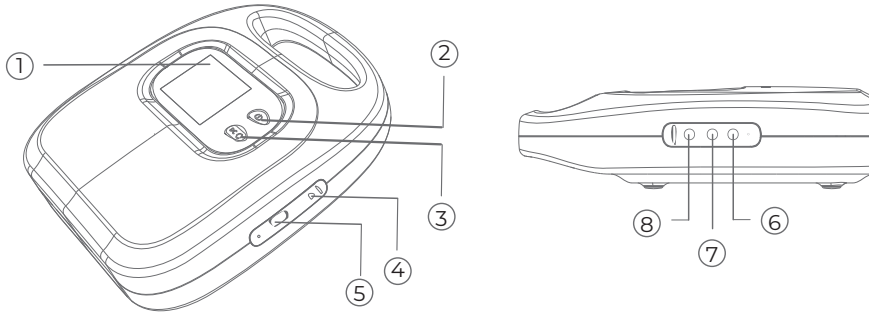


Figure 3-1 Keys and Interfaces of X30

Table 3-1 Descriptions of Keys and Interfaces

No.	Name	Description
①	LCD Screen	Displays operation information e.g. SoC and charging/discharging status.
②	Power Button	Press and hold it for 3 seconds to power on/off X30.
③	DC Button	Enable/disable the DC output.
④	Charging Port	Charge X30 through this port.
⑤	USB-A Output	With DC 5V/2.5A output.
⑥	DC Output (24V)	Power devices with DC 24V input.
⑦	DC Output (15V)	Power devices with DC 15V input.
⑧	DC Output (12V)	Power devices with DC 12V input.

4. LCD Screen

The LCD screen is lit when X30 is powered on. If X30 is powered off, press and hold the power button for 3 seconds to turn it on. The display is shown in Figure 4-1.

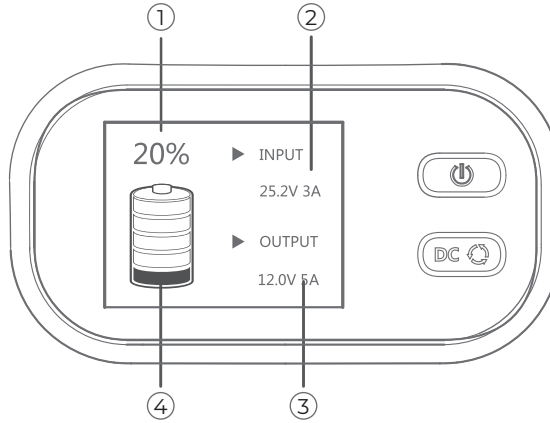


Figure 4-1 LCD Screen

Table 4-1 LCD Screen Description

No.	Name	Description
①	SoC (State of Charging)	Displays the current battery level. When the icon **%** flashes continuously, X30 is in battery protection mode.
②	Charging (Power Input)	Indicates that X30 is being charged.
③	Disharging (Power Output)	Displays when X30 is powered on. Fashes when a load is connected. Press the DC button and the power output information is displayed (e.g. 12.0V 4A), which means X30 has started powering the DC device.
④	Battery Level	The icon has 5 segments, each indicating 20% of battery power. ***Note:*** SoC number indicates the accurate battery level. When the bottom segment flashes, the remaining battery level is less than 5% and the buzzer will continue to beep. Please charge X30 in time.

5. Operations

5.1 Powering On/Off

• **Powering On**: When X30 is off, press and hold the power button for 3 seconds to power it on. The LCD screen will light up and the buzzer will sound for 3 seconds.

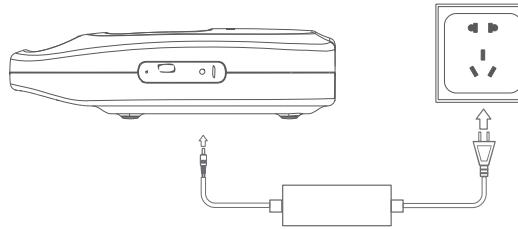
If the LCD backlight is off, press the power button for 0.3 seconds to lihgt it up again.

• **Powering Off:** When X30 is on, press and hold the power button for 3 seconds to power it off. The LCD screen will be turned off and the buzzer will sound for 3 seconds.

5.2 Charging

X30 can only be charged via the AC adaptor.

Connect one end of the adaptor to the charging port of X30, and the other end to a wall outlet. As shown in the figure below.

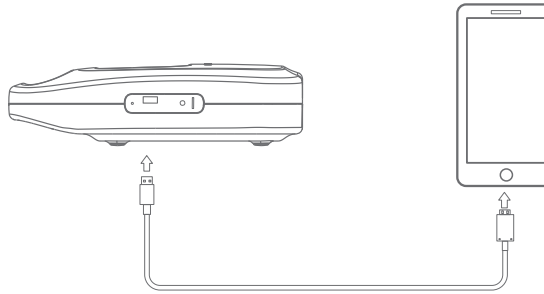


5.3 Discharging

The DC outputs of X30 include USB-A, DC 24V, DC 15V and DC 12V. It can power various kinds of devices.

5.3.1 USB-A Port

Simply connect a supported device to this port for charging.



5.3.2 DC 12V/15V/24V Outputs

⚠ Confirm the power input port of your device matches the relavant DC output of X30.

(1) Connect your device to the matched DC port of X30.

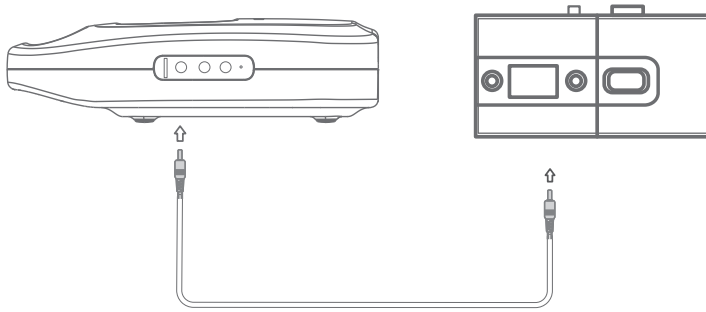
(2) The device is identified by X30, and the corresponding icon flashes on the LCD screen.

(3) Press the DC button, the icon stops flashing and the power output of X30 is enabled.

⚠ **Note:**

• Only one of the three ports (DC 24V, DC 15V and DC-12V) can be used at a time.

• Before switching output ports, disconnect the connected device and repeat the steps above.



5.4 Set Battery Protection Mode

The battery life can be extended under Battery Protection Mode. When enabled, the battery level of X30 will remain between 60% and 70%.

It is recommended to enable this mode if X30 is kept being charged.

• **Enable Battery Protection Mode:** When X30 is powered on, press and hold the DC button for 5 seconds to enable battery protection mode. When enabled, the % icon on the LCD screen will continue to flash.

• **Disable Battery Protection Mode:** Press and hold the DC button for 5 seconds. The mode will also be disabled when powering off X30 or removing the charger. When disabled, the % icon on the LCD screen stops flashing.

6. Specifications

Item	Specification
General	
Battery capacity	297Wh
Battery cell	Ternary Lithium
Net weight	About 1.8 kg
Dimensions	202mm×221mm×62mm
Charging temperature	0℃～40℃
Discharging temperature	-20℃～+40℃
Storage temperature	-20℃～+40℃
Working humidity	5%～95%
DC Output	
DC output ports	DC5525 12V/5A DC5525 15V/4A DC5525 24V/4A
USB-A*1	5V/2.5A
DC Input	
Interface	DC35135
Input power	75W/3A max.
Input voltage	23.8V~26V

7. Abbreviations

- DC: Direct Current
- SoC: State of Charge

Warranty Card

Manufacture Date _____

Sale Date _____

File No. _____

Manufacturer _____

Warranty Instructions

1. 12-months warranty

2. After-Sale-Service mailbox: service@ bluettipower.com

3. Following situations will go against the warranty terms:

A. Any problems, malfunction or damages due to incorrect using methods or caused by unauthorized disassembly or repair.

B. The damage caused by force majeure, fire and other extreme abnormal conditions.

C. Without the warranty card or the card records is not clear, complete, or without the sales company seal

BLUETTI

Certificate

Inspector: _____

QC: _____

Just Power On

P/N:17.0303.0590-03A3