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POWER BANK CHARGER
K12 Pro

Instruction Manual

Thank you for choosing the mobile power supply produced by our company. In order to better experience this product, Please read the operation manual carefully before use. If there is any printing error or translation error, please wait. The majority of users understand.

1. Component description

- ① Built in cable type-C output interface
- ② Cable for iphone
- ③ Mobile power on button
- ④ Type-C input interface
- ⑤ USB-A (1) output interface
- ⑥ Power indicator
- ⑦ Pin
- ⑧ Wireless charging (this function needs to be supported by the mobile phone)



2. Charging instructions

Pin input charging

Pin input charging

Connect the device with the charging interface suitable for the device and start charging the mobile power supply. During the charging process The last character of the digital screen flashes to charge the equipment; All characters on the digital screen are always on, and the charging is completed.

USB / type-C input charging

USB / type-C input charging uses the built-in USB charging cable or type-C charging cable to access the input interface. At this time, it starts to charge the mobile phone Source charging: during charging, the last character of the digital screen flashes to charge the equipment; All words of digital screen Fu Changliang, charging completed.

Mobile power discharge

When using mobile power to charge other electronic devices such as mobile phones, iPads, Bluetooth headsets, etc, The digital screen is always on to display the corresponding power, which belongs to normal discharge; The last character of the digital screen flashes (low power) During 5% discharge (under voltage), it indicates that the mobile power supply is about to run out of power.

Power button description

Click the power button to display the current power, and double-click the button to turn off the power indication.

Wireless charging instructions

If the mobile phone supports the wireless charging function, the mobile phone can be directly placed at the wireless charging position of the charging treasure Charging (startup voltage: $5.0 \pm 0.25V$, wireless output power: 5W / 7.5w/10w/15w max)

3. Power indicator

The mobile power supply is equipped with a digital screen to facilitate your control of the remaining power and other functions of the mobile power supply, 100% of the power indicates that the mobile power supply is sufficient. If 0% is displayed, the mobile power supply needs to be charged.

Power display

A rectangular digital display with a black border showing the number '100' in a large, bold, black font, followed by a smaller '%' symbol.

4. Specification parameters

Model:	K12 Pro (10000mAh)
Name:	All-in-one mobile power adapter
Cell:	Polymer cell
Battery capacity:	10000mAh
Type-C input current:	5V \equiv 2A 9V \equiv 2A 12V \equiv 1.5A (Max)
Type-C output current:	5V \equiv 3A 9V \equiv 2.22A 12V \equiv 1.67A
Input interface:	Type-C/USB/Pin
Output interface:	Type-C output/cable for iphone
Usb-a output:	5V \equiv 4.5A 4.5V \equiv 5A 9V \equiv 2A 12V \equiv 1.5A
Texture of material:	ABS+PC
Product size:	84x84x28.6mm
Executive standard:	GB/T 35590-2017

5. Power protection

Short circuit protection

If the power output is short circuited, the power supply shall be able to protect automatically, and the power supply shall be able to resume operation after troubleshooting.

Overvoltage protection

The mobile power supply has overcharge and discharge protection. The product output is provided with overvoltage protection, and the output voltage shall not exceed 5.6V. The input voltage range is 4.6V-5.6V, and the input has OVP and undervoltage protection functions.

Overcharge protection

Use DC 5V/2A constant current and constant voltage source to connect the mobile power input terminal, charge to 100% power. After (saturation state), continue to load the mobile power supply for 8 hours, and the mobile power supply should not explode, fire, smoke or leak.

Over discharge protection

The output terminal of mobile power supply shall be connected to 30 Ω load for 24 hours, and the mobile power supply shall not explode, fire or smoke Or leakage. After troubleshooting, the power supply shall be able to resume operation.

6. Common problems and precautions

	common problem	Possible causes
1	What if the power supply can't be charged?	1. Confirm whether the indicator screen is on 2. Confirm whether the data cable and plug are not in contact OK, replace it again and try again 3. Confirm the remaining power and use up the remaining power Recharging
2	When the power supply is charged to 99% Stopped charging	It is necessary to activate the cell for the first use, and use it for 2-3 times See if it can be filled
3	After receiving the goods, the remaining power is only displayed 70% of	The Coulomb of digital display needs to be recycled 2-3 The true power of the power supply will be displayed accurately after times Please recycle it for 2-3 times before estimating

Matters needing attention

Warn

Failure to follow safety instructions may result in fire, electric shock, ring damage or other injuries; high-quality power banks are used Lithium polymer battery, please use it with confidence.

Do not disassemble or pierce the power bank by yourself; do not expose the power bank to fire, high temperature or water; It is recommended to use a regular brand power adapter to charge it.

If you find that the mobile power supply is bulging or other bad phenomena or the charged device is bulging, please stop using the power supply;

This product is only suitable for safe use in areas with an altitude of 2000m and below, and is only suitable for safe use in non-tropical climate conditions.

CAUTION: Replacing a battery with the wrong type can result in an explosion hazard, be sure to dispose of the used battery according to the instructions.

Suggestions for scrapping power supply:

The power supply contains dangerous and useless materials, which need to be recycled (destroyed) by qualified institutions, Contact your local office to ensure that the power supply is properly scrapped in accordance with the approved regulations.

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

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

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

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

The device has been evaluated to meet general RF exposure requirement.