AMEGAT PBQ2010

AMEGAT 20000mAh 30W Portable Power Bank User Manual

Model: PBQ2010

1. PRODUCT OVERVIEW

The AMEGAT 20000mAh 30W Portable Power Bank (Model PBQ2010) is a high-capacity external battery designed to provide fast and efficient charging for a wide range of electronic devices. Featuring bi-directional 30W USB-C Power Delivery and multiple output ports, it ensures your devices remain powered on the go.

2. SAFETY INFORMATION

Please read all safety instructions carefully before using this product to ensure safe and optimal performance. Failure to follow these instructions may result in fire, electric shock, product damage, or property damage.

- Do not expose the power bank to extreme temperatures (above 60°C/140°F) or direct sunlight.
- Avoid dropping, disassembling, or attempting to repair the device yourself.
- Keep away from water, moisture, and flammable materials.
- Use only certified cables and chargers for recharging the power bank and charging your devices.
- The smart chip includes overcharge, overvoltage, overcurrent, and over-temperature protection to ensure a safe charging environment.
- This power bank meets aviation flight safety standards and can be carried on an airplane.

3. PACKAGE CONTENTS

Verify that all items are present in your package:

- 1 x AMEGAT 30W Portable Power Bank (20000mAh)
- 1 x 30W USB-C to USB-C Cable
- 1 x User Manual (this document)

4. PRODUCT DIAGRAM

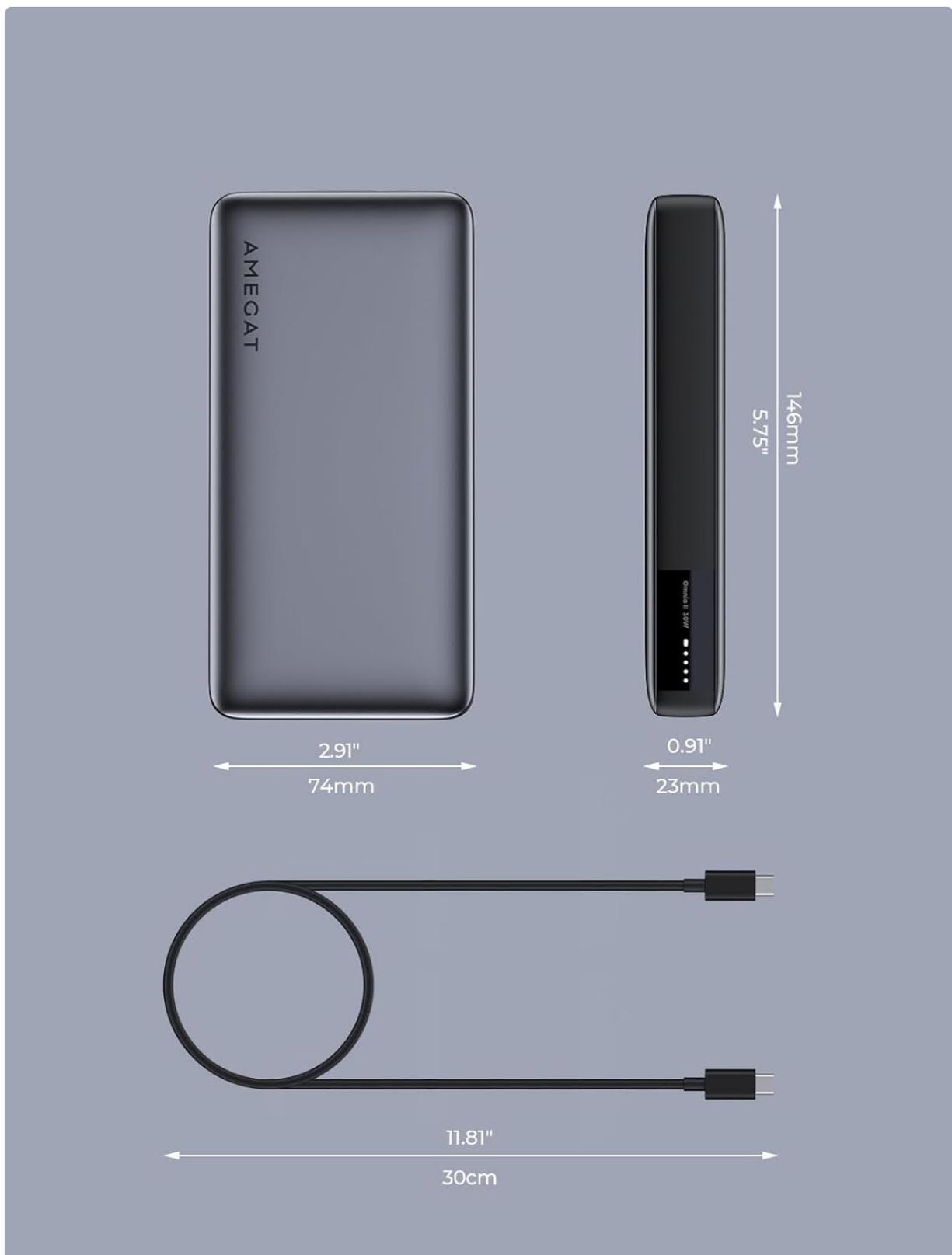Familiarize yourself with the ports and indicators on your power bank:

Image 2: Diagram illustrating the dimensions of the AMEGAT power bank and the location of its USB-A and USB-C ports, along with the LED indicator.

- **USB-A Output Port:** For charging devices with a USB-A cable.
- **USB-C In/Out Ports (x2):** For recharging the power bank or charging devices with a USB-C cable. Supports Power Delivery (PD) for fast charging.
- **LED Display:** Indicates the remaining battery level and charging status.

5. SETUP

5.1 Initial Charging of the Power Bank

Before first use, fully charge your AMEGAT power bank. This ensures optimal battery performance and longevity.

1. Connect the provided USB-C to USB-C cable to one of the power bank's USB-C In/Out ports.

2. Connect the other end of the cable to a compatible 30W (or higher) USB-C wall charger (not included).

3. The LED display will show the charging progress. A full recharge takes approximately 4.3 hours with a 30W charger.

4. Once fully charged, the LED display will indicate 100%. Disconnect the power bank from the charger.

Image 3: The AMEGAT power bank connected to a wall adapter via a USB-C cable for recharging, with the LED display showing charging status.

6. OPERATING INSTRUCTIONS

6.1 Charging Your Devices

The power bank features three output ports (2x USB-C, 1x USB-A) to charge multiple devices simultaneously.

1. Connect your device's charging cable to the appropriate port on the power bank (USB-A or USB-C).
2. Connect the other end of the cable to your device.
3. The power bank will automatically begin charging your device. The LED display will show the remaining battery level.
4. To achieve 30W fast charging, ensure your device and cable support Power Delivery (PD) via the USB-C port.

Image 4: An iPhone 15 being charged by the AMEGAT power bank via a USB-C cable, illustrating fast charging capability.

Image 5: The AMEGAT power bank simultaneously charging an iPad, an iPhone, and AirPods, demonstrating its multi-device charging capability.

6.2 Low-Current Charging Mode

This mode is ideal for charging low-power devices such as Bluetooth earphones, smartwatches, or other small accessories.

1. To activate low-current charging, press and hold the power button for 2 seconds.
2. Connect your low-power device to the power bank.
3. To exit low-current charging mode and resume normal charging, press and hold the power button again for 2 seconds.

Image 6: The AMEGAT power bank charging a pair of wireless earbuds, illustrating the low-current charging mode for small devices.

6.3 LED Indicator

The built-in LED display provides real-time information about the power bank's status:

- **Battery Level:** Shows the remaining percentage of battery charge.
- **Charging Status:** Indicates when the power bank is being recharged or when it is charging a device.

7. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your power bank.

- Clean the power bank with a dry, soft cloth. Do not use abrasive cleaners or solvents.

- Store the power bank in a cool, dry place away from direct sunlight and extreme temperatures.
- If not used for extended periods, recharge the power bank at least once every three months to maintain battery health.
- Avoid exposing the ports to dust or debris.

8. TROUBLESHOOTING

If you encounter issues with your power bank, refer to the following common problems and solutions:

- **Power bank not charging:**

  - Ensure the charging cable is securely connected to both the power bank and the wall charger.
  - Verify that the wall charger is functioning correctly and provides sufficient power (e.g., 30W USB-C PD charger).
  - Try a different USB-C cable.

- **Device not charging from power bank:**

  - Check if the power bank has sufficient charge.
  - Ensure the charging cable is securely connected to both the power bank and your device.
  - Try a different charging cable or a different port on the power bank.
  - For low-power devices, ensure low-current charging mode is activated.

- **Slow charging:**

  - Ensure your device and cable support fast charging protocols (e.g., USB-C PD for 30W output).
  - Avoid charging multiple devices simultaneously if you require maximum speed for a single device.
  - Check if the cable is damaged or incompatible.

If the problem persists, please contact customer support.

9. SPECIFICATIONS

Feature	Specification
Model Number	PBQ2010
Battery Capacity	20000mAh
USB-C Input/Output	30W Max (Bi-directional Power Delivery)
USB-A Output	22.5W Max
Total Output	30W Max
Product Dimensions	5.75 x 2.91 x 0.91 inches (146 x 74 x 23 mm)
Item Weight	15.2 ounces (431 grams)
Battery Type	Lithium Polymer
Special Features	Auto Shut-Off, Fast Charging, LED Indicator Lights, Overcharge Protection, Overvoltage Protection, Overcurrent Protection, Over-temperature Protection
Color	Grey
Manufacturer	Shenzhen Autral Technology Innovation Co.,Ltd

10. WARRANTY AND SUPPORT

AMEGAT products are designed and manufactured to the highest quality standards. For warranty information, please refer to the warranty card included with your purchase or visit the official AMEGAT website.

If you have any questions, concerns, or require technical assistance, please contact AMEGAT customer support through the following channels:

- **Website:** Visit the AMEGAT official website for FAQs and support contact information.
- **Email:** Refer to your product packaging or the AMEGAT website for customer service email addresses.

Please have your product model number (PBQ2010) and purchase details ready when contacting support.

Related Documents - PBQ2010

	[AMEGAT PBQ2010 20000mAh Power Bank User Manual](#) User manual for the AMEGAT PBQ2010 20000mAh power bank, detailing charging features, product care, specifications, and FCC compliance. Includes information on fast charging, small current mode, and safety precautions.
	[Amegat LCQ3110 Wireless Charger User Manual](#) User manual for the Amegat LCQ3110 wireless charger, detailing its features, specifications, compatibility, and safety precautions for charging various devices including iPhones, Apple Watches, and earphones.
	[AMEGAT LCQ3112 Wireless Charger RF Exposure Test Report](#) Official RF Exposure test report for the AMEGAT LCQ3112 Wireless Charger, detailing compliance with FCC standards and maximum permissible exposure limits as per KDB 680106 D01.
	[AMEGAT PBQ2010 20000mAh Power Bank User Manual](#) User manual for the AMEGAT PBQ2010 20000mAh power bank, detailing charging features, product care, specifications, and FCC compliance. Includes information on fast charging, small current mode, and safety precautions.
	[Amegat LCQ3110 Wireless Charger User Manual](#) User manual for the Amegat LCQ3110 wireless charger, detailing its features, specifications, compatibility, and safety precautions for charging various devices including iPhones, Apple Watches, and earphones.
	[AMEGAT LCQ3112 Wireless Charger RF Exposure Test Report](#) Official RF Exposure test report for the AMEGAT LCQ3112 Wireless Charger, detailing compliance with FCC standards and maximum permissible exposure limits as per KDB 680106 D01.

Documents - AMEGAT – PBQ2010

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