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AMEGAT PBQ2610

AMEGAT 140W Portable Charger (Model PBQ2610) User Manual

Your guide to operating and maintaining your AMEGAT portable power bank.

1. INTRODUCTION

Thank you for choosing the AMEGAT 140W Portable Charger, Model PBQ2610. This high-capacity power bank is designed to provide efficient and fast charging for a wide range of devices, including laptops, smartphones, and tablets. This manual provides essential information for the safe and effective use of your device, covering setup, operation, maintenance, and troubleshooting.



Image: The AMEGAT 140W Portable Charger, a sleek gray device with a digital display showing charging status and ports.

2. PRODUCT OVERVIEW

2.1 Components

- **Power Bank Unit:** The main portable charger device.
- **USB-C Ports (x2):** For both input (recharging the power bank) and output (charging devices).

- **USB-A Port (x1):** For output (charging devices).
- **Digital Display:** Shows battery percentage, input/output power, and estimated recharge time.
- **Power Button:** Activates the display and initiates charging.

2.2 Key Features

- **140W PD 3.1 Fast Charging:** Delivers up to 140W output for rapid charging of compatible laptops and devices.
- **27600mAh High Capacity:** Provides multiple charges for smartphones and significant power for laptops.
- **3-Port Simultaneous Charging:** Two USB-C ports and one USB-A port allow charging of up to three devices concurrently.
- **Intuitive Digital Display:** Real-time monitoring of charging status, power levels, and estimated recharge time.
- **Comprehensive Protection:** Built-in safety features guard against overcharging, overheating, overcurrent, overvoltage, and short-circuits.

27600mAh

Massive Capacity

Airline approved

MacBook Pro 16"

0.8
times

Galaxy S23 Ultra

3.8
times

iPhone 14

4.7
times

Switch

3.9
times



Image: The AMEGAT power bank demonstrating its 27600mAh capacity by showing charging capabilities for a MacBook Pro, iPhone, Galaxy S23 Ultra, and Nintendo Switch.

3. SETUP

Before using your AMEGAT portable charger for the first time, it is recommended to fully charge it.

1. **Unpack:** Remove the power bank and any included cables from the packaging.
2. **Initial Charge:** Connect the power bank to a compatible USB-C power adapter (not included) using a USB-C to USB-C cable. For optimal charging speed, use a 140W PD 3.1 compatible charger.
3. **Monitor Display:** The digital display will show the input power and battery percentage as the device charges. A full charge typically takes approximately 2 hours with a 140W input.
4. **Ready for Use:** Once fully charged, the power bank is ready to power your devices.

PD 3.1 Fast Charging

40
Mins



MacBook Pro 16"



140W

Single Port

Note: Use the original USB-C to MagSafe cable for peak performance

Image: The AMEGAT power bank connected via USB-C to a MacBook Pro, illustrating 140W fast charging capability, achieving 50% charge in 40 minutes.

4. OPERATING INSTRUCTIONS

4.1 Charging Devices

1. **Connect Device:** Use a compatible charging cable to connect your device (laptop, phone, tablet) to one of the power bank's output ports (USB-C1, USB-C2, or USB-A).
2. **Initiate Charging:** The power bank will automatically detect the connected device and begin charging. If not, press the power button once to activate.
3. **Monitor Charging:** The digital display will show the output power for each active port and the remaining battery percentage.
4. **Simultaneous Charging:** You can charge up to three devices simultaneously using the available ports. The power bank intelligently distributes power based on device requirements.

Charge 3 Devices at Once

2 X USB-C | 1 X USB-A



Image: The AMEGAT power bank simultaneously charging a laptop, tablet, and smartphone via its USB-C and USB-A ports, showing individual power outputs.

4.2 Digital Display Functions

The integrated digital display provides real-time information about the power bank's status.

- **Battery Percentage:** Shows the current charge level of the power bank.
- **Input Power (W):** Indicates the wattage being drawn when recharging the power bank.
- **Output Power (W):** Displays the wattage being delivered to each connected device (C1, C2, A1).
- **Estimated Recharge Time:** When charging the power bank, it shows the approximate time remaining until full.
- **Screen Display Time:** Pressing the power button cycles through different display modes, including estimated time for full recharge, battery cycles, and screen display duration settings (e.g., 30 seconds, Always).

Intuitive Digital Display



Image: Close-up of the AMEGAT power bank's intuitive digital display, showing battery percentage, input/output wattage for each port, and options for screen display time.

4.3 Low-Current Charging Mode

The USB-C ports support a low-current charging mode, suitable for small devices like wireless earbuds or smartwatches

that require less power. This ensures safe and efficient charging for sensitive electronics.

5. MAINTENANCE

- **Cleaning:** Wipe the power bank with a soft, dry cloth. Avoid using harsh chemicals or abrasive materials.
- **Storage:** Store the power bank in a cool, dry place away from direct sunlight and extreme temperatures.
- **Battery Health:** For optimal battery longevity, avoid fully discharging the power bank frequently. Recharge it when the battery level is low.
- **Avoid Drops:** Protect the device from physical shocks and drops.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Power bank not charging	<ul style="list-style-type: none">• Charging cable is faulty or not properly connected.• Power adapter is not sufficient or faulty.• Power bank is fully charged.	<ul style="list-style-type: none">• Check cable connections; try a different USB-C cable.• Ensure power adapter is working and provides adequate power (e.g., 140W PD 3.1 compatible).• Verify display shows 100%.
Device not charging from power bank	<ul style="list-style-type: none">• Output cable is faulty or not properly connected.• Power bank battery is depleted.• Device is not compatible or requires specific charging protocol.	<ul style="list-style-type: none">• Check cable connections; try a different cable.• Recharge the power bank.• Ensure your device supports USB-C PD or USB-A charging.
Slow charging speed	<ul style="list-style-type: none">• Cable or adapter not supporting fast charging.• Multiple devices connected, distributing power.• Device's charging protocol limitations.	<ul style="list-style-type: none">• Use a high-quality USB-C PD 3.1 compatible cable and adapter for input/output.• Disconnect other devices to allow maximum power to a single device.• Refer to your device's specifications for its maximum charging rate.
Digital display not working	<ul style="list-style-type: none">• Power bank is off or in standby.• Internal malfunction.	<ul style="list-style-type: none">• Press the power button once to activate the display.• If the issue persists, contact customer support.

7. SPECIFICATIONS

Feature	Detail
Model Number	PBQ2610
Battery Capacity	27600mAh (102.12Wh)
Input (USB-C)	Up to 140W (PD 3.1)
Output (USB-C1/C2)	Up to 140W (PD 3.1)

Feature	Detail
Output (USB-A)	Up to 22.5W
Total Output	Max 140W (shared across ports)
Dimensions	6.1 x 2 x 2 inches (153mm x 53mm x 50mm)
Weight	1.51 pounds (approx. 685g)
Special Features	Digital Display, Low-Current Charging Mode, Air-Travel Friendly



Image: A diagram showing the dimensions of the AMEGAT portable charger and an included USB-C cable.

8. SAFETY INFORMATION

The AMEGAT 140W Portable Charger incorporates a comprehensive protection system, "EntireProtect," to ensure safe

operation for both the power bank and your connected devices. This system guards against:

- **Over-Voltage Protection:** Prevents damage from excessive voltage input.
- **Over-Charge Protection:** Stops charging once the battery is full to prevent overcharging.
- **Short-Circuit Protection:** Automatically cuts power in case of a short circuit.
- **Over-Discharge Protection:** Prevents the battery from being drained too low, preserving battery life.
- **Over-Current Protection:** Safeguards against excessive current flow.
- **Over-Temperature Protection:** Monitors and regulates internal temperature to prevent overheating.

Important Safety Precautions:

- Do not expose the power bank to water or extreme temperatures.
- Do not disassemble, puncture, or modify the device.
- Keep out of reach of children.
- Use only original or certified compatible charging cables and adapters.
- Dispose of the product responsibly according to local regulations.

9. WARRANTY AND SUPPORT

AMEGAT products are designed for reliability and performance. For any questions, technical assistance, or warranty claims, please contact AMEGAT customer support through the retailer where the product was purchased or visit the official AMEGAT website for contact information.

Please retain your proof of purchase for warranty purposes.



Related Documents - PBQ2610

	<p>AMEGAT PBQ2010 20000mAh Power Bank User Manual</p> <p>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.</p>
	<p>Amegat LCQ3110 Wireless Charger User Manual</p> <p>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.</p>
	<p>AMEGAT PAQ6710 67W USB C Fast Charger User Manual</p> <p>User manual for the AMEGAT PAQ6710 67W USB C fast charger, detailing charging capabilities, product care, safety precautions, and specifications.</p>