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## Renogy GP10

# Renogy 72000mAh 266Wh 12V Power Bank User Manual

Model: GP10 | Brand: Renogy

## INTRODUCTION

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This user manual provides essential information for the safe and efficient operation of your Renogy 72000mAh 266Wh 12V Power Bank. Please read this manual thoroughly before use and retain it for future reference. This power bank is designed to provide portable power for various electronic devices, including laptops, smartphones, and CPAP machines, making it ideal for camping, outdoor activities, and as a reliable backup power supply.

## PRODUCT FEATURES

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- **High Capacity:** 72000mAh / 266Wh provides extended power for multiple devices.
- **Multiple Output Ports:** Includes 2 upgraded USB-C PD ports (60W max. for laptops, 27W max. for phones), USB-A output, DC 12V/5A (150W max.) cigarette lighter port.
- **CPAP Compatibility:** Specifically designed to power most CPAP machines, including Philips DreamStation 1&2 and ResMed AirSense 10&11. (CPAP adapter sold separately).
- **Wireless Charging:** Integrated 10W wireless charging pad for compatible smartphones.
- **Fast Recharging:** Can be recharged via solar panel (2-way DC port) in 3-4 hours or via 2-way USB-C (1) port in 5-6 hours.
- **Integrated Flashlight:** Built-in flashlight for convenience in low-light conditions.
- **Safety Protections:** Features advanced battery management system with multiple protections including short-circuit, overload, PCB overheat, battery overheat, and over-voltage protection.

## WHAT'S IN THE BOX

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- 1 x 72000mAh Power Bank
- 1 x 40W AC Adaptor
- 1 x Laptop Power Cable (DC to DC)
- 1 x Laptop Power Adaptors (8 pieces)
- 1 x User Manual



Image: All items included in the Renogy 72000mAh Power Bank package.

## SETUP

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### Initial Charging

Before first use, fully charge the power bank. Connect the provided 40W AC adaptor to the DC IN/OUT port on the power bank and plug it into a wall outlet. The battery indicator lights will illuminate to show charging progress. A full charge typically takes 7-8 hours using the AC adapter. Alternatively, you can use a 60W PD charger (5-6 hours) or a 100W solar panel (3-4 hours) for faster recharging.

\* The PD charger needs to be purchased separately

## Supports 20-100W Solar Panels

Plus multiple options to restore power



100W Solar Panel

3-4 Hours



60W PD Charger

5-6 Hours



Wall Outlet

7-8 Hours



Image: The power bank supports various recharging methods, including solar panels, PD chargers, and wall outlets.

### Understanding Battery Indicators

The power bank features smart indicator lights to show the remaining battery level and charging status. Refer to the device's top panel for these indicators.



Image: Overview of the power bank's ports and battery indicators.

## OPERATING INSTRUCTIONS

### Charging Devices

The Renogy Power Bank can charge up to 5 devices simultaneously. Connect your devices to the appropriate ports:

- **USB-C PD Ports:** Use for laptops (up to 60W) and smartphones (up to 27W).
- **USB-A Output:** For standard USB-powered devices.
- **12V/15A Cigarette Lighter Port:** Ideal for CPAP machines and other 12V devices.
- **Wireless Charging Pad:** Place your compatible smartphone on the designated pad for 10W wireless charging. Note: Not for wireless earbuds, smartwatches, or other low-power devices.

*Note: The USB-C (1) port and the DC port cannot be used simultaneously for recharging the power bank.*

# 60W Max. Power Delivery

Fast charges 2 PD devices at the same time



Image: The power bank providing 60W Power Delivery to a laptop and 27W to a smartphone.

## 5-Device Charging

Everyone gets a share of backup power



\*Note: USB-C (1) & DC Port can't be used simultaneously!

Image: Demonstrating the capability to charge up to five devices concurrently.

### CPAP Machine Usage

The 12V/15A (150W max.) cigarette lighter port is compatible with most CPAP machines. For extended use, it is recommended to turn off the heater and humidifier functions on your CPAP machine. A CPAP adapter is required and sold separately.

# CPAP Power Anywhere - Rest Easy

\*Turn off heater & humidifier for extended use.



^^  
^^  
**(NOT INCLUDED)**



Philips DreamStation 1



Philips DreamStation 2



ResMed AirSense 10



ResMed AirSense 11

**150W Max.**



Image: The power bank is compatible with popular CPAP models, providing off-grid power.

## Estimated CPAP Runtimes (Renegy 72,000 mAh)

| CPAP Brand          | Model          | Pressure (cm H2O) | Heated Humidifier | Heated Tube | Runtime (Hours) |
|---------------------|----------------|-------------------|-------------------|-------------|-----------------|
| Philips Respironics | DreamStation 1 | 10                | OFF               | OFF         | 29.5            |
| Philips Respironics | DreamStation 2 | 15                | OFF               | OFF         | 22.2            |
| ResMed              | AirSense 10    | 10                | OFF               | OFF         | 23.1            |
| ResMed              | AirSense 11    | 15                | OFF               | OFF         | 19.4            |

Table: Approximate runtimes for various CPAP models when connected to the Renegy 72,000 mAh Power Bank with humidifier and

heated tube functions turned off.

## Flashlight Operation

The power bank includes a built-in flashlight. Press the designated button (refer to the product diagram) to turn the flashlight on/off or cycle through different modes (if applicable).



Image: The main product view, highlighting the wireless charging area and the flashlight on the end.

## MAINTENANCE

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- Store the power bank in a cool, dry place away from direct sunlight and extreme temperatures.
- Avoid dropping or subjecting the device to strong impacts.
- Clean the exterior with a soft, dry cloth. Do not use harsh chemicals or abrasive materials.
- For long-term storage, charge the power bank to approximately 50-70% every 3-6 months to maintain battery health.

## TROUBLESHOOTING

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### Device Not Charging

- Ensure the power bank is sufficiently charged. Check the battery indicator lights.
- Verify that the charging cable is securely connected to both the power bank and your device.
- Confirm that the correct port is being used for your device's charging requirements (e.g., USB-C PD for laptops).

- If using wireless charging, ensure your device is compatible and properly aligned on the charging pad.

### Power Bank Not Recharging

- Check if the AC adapter or charging cable is properly connected to both the power bank and the power source.
- Ensure the power source (wall outlet, solar panel) is active.
- Remember that the USB-C (1) port and the DC port cannot be used simultaneously for recharging.

### CPAP Machine Shuts Off Unexpectedly

- Ensure the power bank has sufficient charge.
- Turn off the heated humidifier and heated tube functions on your CPAP machine to conserve power and extend runtime.
- Verify that you are using the correct CPAP adapter (sold separately) and that it is securely connected to the 12V/15A cigarette lighter port.

## SPECIFICATIONS

| Feature             | Detail                                 |
|---------------------|--|
| Model Number        | GP10                                   |
| Battery Capacity    | 72000mAh / 266Wh                       |
| Product Dimensions  | 8.98 x 4.92 x 1.73 inches              |
| Item Weight         | 2.79 pounds                            |
| Input (USB-C PD)    | Up to 60W                              |
| Output (USB-C PD)   | Up to 60W (Port 1), Up to 27W (Port 2) |
| Output (12V/15A DC) | 150W max.                              |
| Wireless Charging   | 10W                                    |
| Battery Type        | Lithium Polymer                        |
| Manufacturer        | Renogy                                 |

## WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official Renogy website or contact their customer service directly. The product typically comes with a manufacturer's warranty covering defects in materials and workmanship.

Visit the [Renogy Store on Amazon](#) for more products and support resources.

