

powkey HP200

Powkey Portable Power Station 200W User Manual

Model: HP200

INTRODUCTION

The Powkey Portable Power Station is a versatile and reliable power solution designed for both home and outdoor use. Featuring a 146Wh (39600mAh) lithium battery and a 200W maximum output, it can power a wide range of electronic devices, from mobile phones and laptops to mini-fridges. Its compact design and multiple charging options make it an ideal companion for camping, travel, RV trips, and emergency power needs.

SAFETY INFORMATION

Please read all safety instructions carefully before using the Powkey Portable Power Station. Failure to follow these guidelines may result in electric shock, fire, or serious injury.

- Do not disassemble, repair, or modify the unit. Incorrect reassembly may cause fire or electric shock.
- Do not expose the unit to fire or high temperatures (above 60°C/140°F).
- Do not use or store the unit in direct sunlight or in hot environments.
- Do not use or store the unit in a bathroom or in areas exposed to water or moisture.
- Keep the unit away from children and pets.
- Do not use the unit if it is damaged or has been modified.
- Ensure proper ventilation during use to prevent overheating. The built-in cooling fan will operate as needed.
- Avoid dropping, hitting, or subjecting the unit to strong impacts.
- Do not insert foreign objects into the ports or openings.
- Use only the provided or approved charging accessories.
- This device is not suitable for powering heating products or reclining furniture.

Your browser does not support the video tag.

Video: Official Powkey 200W Portable Power Station overview, demonstrating its features and compact design.

PACKAGE CONTENTS

Verify that all items are included in your package:

- 1x Powkey 200W Portable Power Station
- 1x Carrying Handbag
- 1x AC Charger
- 1x Car Charger
- 1x Cigar Lighter Adapter
- 1x User Manual (this document)

COMPACT SIZE, LIGHTWEIGHT

Portable & Rechargeable



Image: The Powkey Portable Power Station shown with its compact size and the various charging accessories included in the package.

PRODUCT OVERVIEW

The Powkey Portable Power Station is equipped with multiple output ports to meet diverse power needs. It features a clear indicator system for battery level and active outputs.



Image: A detailed view of the power station's front panel, highlighting the power button, battery indicators, AC/DC output indicators, USB ports, DC output, and AC outlets.

Key Features:

- **146Wh Capacity & 200W Output:** Provides long-lasting power for various electronic devices.
- **7 Versatile Charging Ports:** Includes 2x AC outlets (110V/MAX 200W), 4x USB outlets (MAX 5V/3.1A), and 1x DC outlet (MAX 15V/2A).
- **Pure Sine Wave AC Output:** Delivers stable and clean electricity, protecting sensitive electronics.
- **Advanced Battery Management System (BMS):** Ensures safety with features like Over Current Protection, Over Voltage Protection, Short Circuit Protection, and Auto Power Off Protection.
- **Compact Size & Lightweight:** Easy to carry for outdoor activities.

7 MULTIPLE OUTLETS OPTIONS

2x AC OUTLETS:
110V/200W(max)

1x DC OUTLETS:
12V/10A(max)

1x DC INPUT:
15V/2A

4x USB OUTLETS:
5V/3.1A(max)

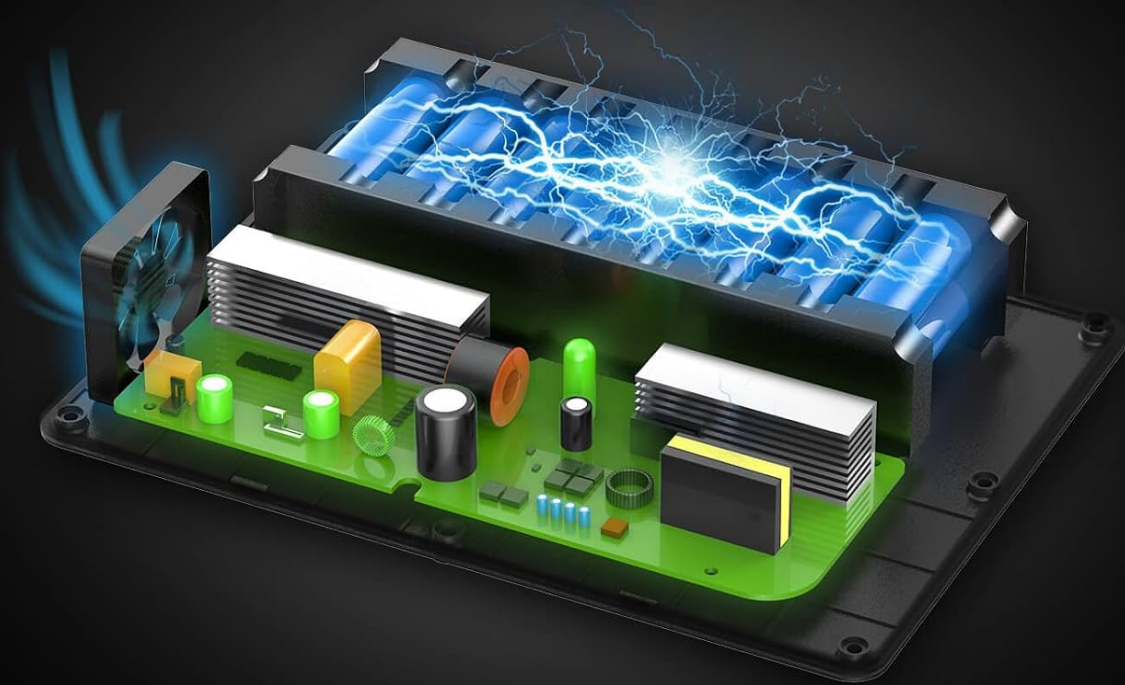


Image: An illustration detailing the various output ports available on the power station, including AC, DC, and USB ports, along with their respective voltage and wattage specifications.

Advanced Battery Management System

Safe & Reliable

CE FC PS E R6HS UN38.3



Pure Sine Wave Output



Short-circuit Protection



Over-voltage Protection



Over load/heating Protection

Image: A cutaway view illustrating the internal components and the advanced Battery Management System (BMS) that provides pure sine wave output, short-circuit protection, over-voltage protection, and overload/heating protection.

SETUP

Before first use, it is recommended to fully charge the power station.

Initial Charging:

1. Connect the provided AC charger to the 15V INPUT port on the power station.
2. Plug the AC charger into a standard wall outlet.
3. The LED indicators will light up to show the charging progress. All four indicators will be solid when fully charged.
4. Charging typically takes 5-9 hours via AC wall outlet.

3 WAYS TO CHARGE UP

IN 5-6 HOURS



Image: Visual representation of the three flexible charging options for the power station: AC wall outlet, solar panels (not included), and car output.

OPERATING INSTRUCTIONS

The Powkey Portable Power Station is designed for ease of use. Follow these steps to power your devices:

Turning On/Off:

- To turn on the unit, press and hold the ON/OFF power button for 5 seconds until the indicator lights illuminate.
- To turn off the unit, press and hold the ON/OFF power button for 5 seconds until the indicator lights turn off.

Using AC Outlets:

1. Ensure the power station is turned on.
2. Press the "AC" button to activate the AC output. The "AC" indicator light will turn green.
3. Plug your AC-powered device (up to 200W) into one of the AC output ports.
4. When finished, press the "AC" button again to turn off the AC output.

Using USB Ports:

1. Ensure the power station is turned on.
2. Connect your USB-powered device to any of the four USB ports.
3. The USB ports are always active when the unit is on.

Using DC Output:

1. Ensure the power station is turned on.
2. Connect your 12V DC-powered device to the 12V OUTPUT port.
3. The DC output is always active when the unit is on.

HOME & OUTDOOR POWER BACKUP

Power Solution For Emergency



Image: Examples of the power station's versatility, illustrating its use as a home power backup during outages, for tent camping, outdoor sports, and remote work.

CHARGING OPTIONS

The Powkey Portable Power Station offers three convenient ways to recharge:

- **AC Wall Outlet:** Use the included AC charger. Full charge in 5-9 hours.
- **Solar Panel (Not Included):** Connect a compatible 30W-60W solar panel to the 15V INPUT SOLAR INPUT port. Charging time varies based on sunlight intensity.
- **Car Charger:** Use the included car charger and cigar lighter adapter to charge from your vehicle's 12V outlet.



Image: A visual guide to the three charging methods: AC wall outlet (5-6 hours), 40W solar panel (6-9 hours in full sun), and car charging (5-6 hours).

MAINTENANCE

- Store the unit in a cool, dry place away from direct sunlight and extreme temperatures.
- Recharge the unit at least once every 3-6 months to maintain battery health, even if not in use.
- Clean the exterior with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- Ensure all ports are free of dust and debris.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Unit does not turn on.	Battery is completely drained.	Connect to AC charger and allow it to charge for at least 30 minutes before attempting to turn on.
AC output not working.	AC output not activated; device wattage exceeds 200W; unit is overheated.	Press the "AC" button to activate. Check device wattage. Allow unit to cool down if overheated.
Charging slowly or not at all.	Charger not properly connected; solar panel not in direct sunlight; faulty charger/cable.	Ensure connections are secure. Reposition solar panel for optimal sunlight. Try a different charger/cable.

Problem	Possible Cause	Solution
Unit automatically shuts off.	Overload protection activated; low battery; overheating.	Reduce connected load. Recharge the unit. Allow unit to cool down.

SPECIFICATIONS

Feature	Detail
Brand	Powkey
Model Name	HP200
Capacity	146Wh (39600mAh)
Wattage	200 Watts (Max Output)
AC Output	2x 110V/200W Pure Sine Wave
USB Output	4x 5V/3.1A (Max)
DC Output	1x 15V/2A (Max)
Input (Charging)	15V/2A (AC Adapter, Solar Panel, Car Charger)
Item Weight	3.2 Pounds
Product Dimensions	5.7"L x 2"W x 7.9"H
Safety Features	Overload Protection, Short Circuit Protection, Over Current Protection, Low Battery Shutdown, Over Voltage Protection

WARRANTY AND SUPPORT

Powkey offers a 30-day product return with a money-back guarantee. For any questions, concerns, or technical assistance, please contact Powkey customer service. Our team is dedicated to providing friendly and helpful support. For further assistance, please visit the official Powkey Store on Amazon:[Powkey Store](#)

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question