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powkey HP200

powkey HP200 Portable Power Station User Manual

Model: HP200

1. PRODUCT OVERVIEW

The powkey HP200 is a portable power station designed for various power needs, including outdoor activities, home backup, and emergencies. It integrates a 146Wh lithium-ion battery and offers multiple output ports for diverse electronic devices.

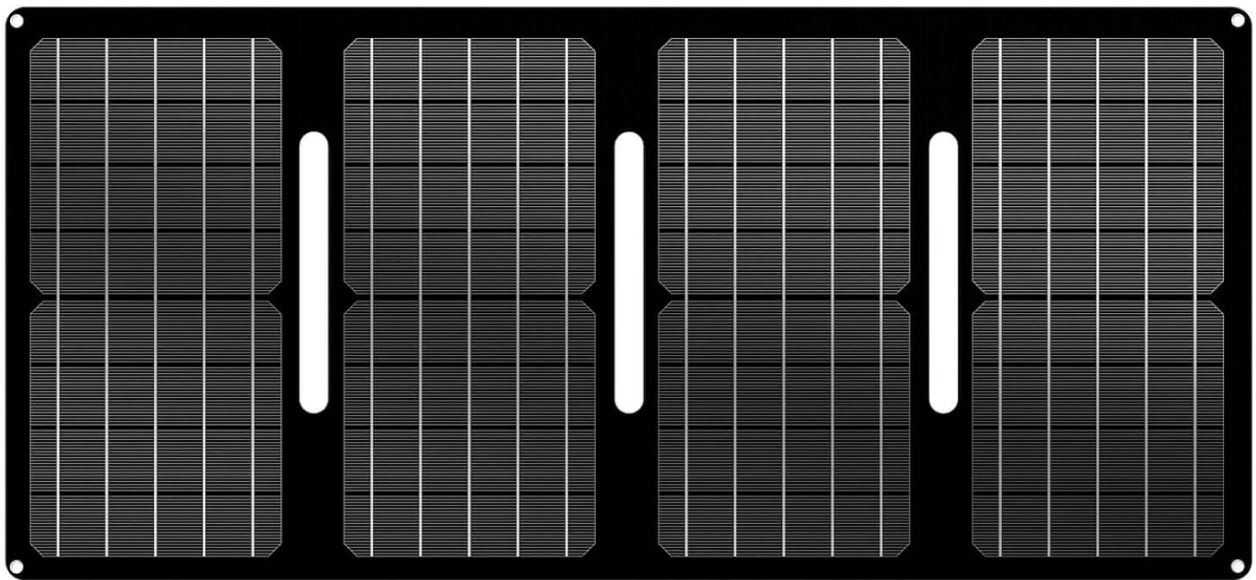


Image: The powkey HP200 Portable Power Station shown with its accompanying 40W foldable solar panel and various charging cables, including AC power adapter, car charging cable, and DC to DC cable.

Package Contents:

- 1 x powkey 200W Portable Power Station (HP200)
- 1 x 40W Foldable Solar Panel
- 1 x Car Cigarette Lighter Adapter
- 1 x AC Power Adapter
- 1 x Car Charging Cable
- 1 x User Manual

2. SAFETY INSTRUCTIONS

- Do not disassemble, repair, or modify the unit.
- Do not place the unit near fire or in direct sunlight.
- Do not charge, use, or store the unit in a bathroom or in an area exposed to water or humidity.

- Use only the provided charger and cables.
- Keep out of reach of children and pets.
- Ensure proper ventilation during use to prevent overheating.
- Avoid dropping or subjecting the unit to strong impacts.
- Do not use the unit if it is damaged or has been modified.
- The power station is not designed to support heating products over 100W (e.g., juicers, microwave ovens, blenders, water heaters, coffee machines, bread machines).



Image: Visual representation of appliances not supported by the power station due to high wattage, including juicers, microwave ovens, blenders, water heaters, coffee machines, and bread machines.

3. SETUP

Initial Charging:

1. Unpack the power station and all accessories.
2. Before first use, fully charge the power station using the provided AC power adapter. Connect the adapter to the 15V/2A DC input port on the unit.
3. The 4 built-in LED indicators will show the battery level during charging. A full charge typically takes 5-6 hours.

Connecting the Solar Panel:

1. Unfold the 40W solar panel and place it in direct sunlight.
2. Connect the solar panel to the 15V/2A DC input/Solar input port on the power station.
3. Charging time via solar panel is approximately 6-9 hours in full sun.

GREEN POWER SUPPLY

Delivers endless solar power efficiently



Wall Outlet
5-6hrs

40WSolar Panel
6-9hrs in full Sun

Car Charging
5-6hrs

Image: Diagram illustrating the three charging methods for the power station: wall outlet, 40W solar panel, and car charging.

4. OPERATING INSTRUCTIONS

Powering On/Off:

- To power on the unit, press the main power button once. The LCD display will illuminate.
- To power off the unit, press and hold the main power button.

Using Output Ports:

The HP200 features 7 versatile output ports:

- **2 x 110V AC Outlets:** Pure sine wave output, total max 200W. To activate AC output, press the dedicated AC power button. The LCD panel will show "AC" when active. Ensure connected devices do not exceed 200W total, and heating products are less than 100W.
- **4 x USB Ports:** For charging USB-powered devices.
- **1 x DC Port (12V):** For DC-powered devices.

7 VERSATILE OUTPUT PORTS

2 AC/ 4 USB/ 1 DC Outlets

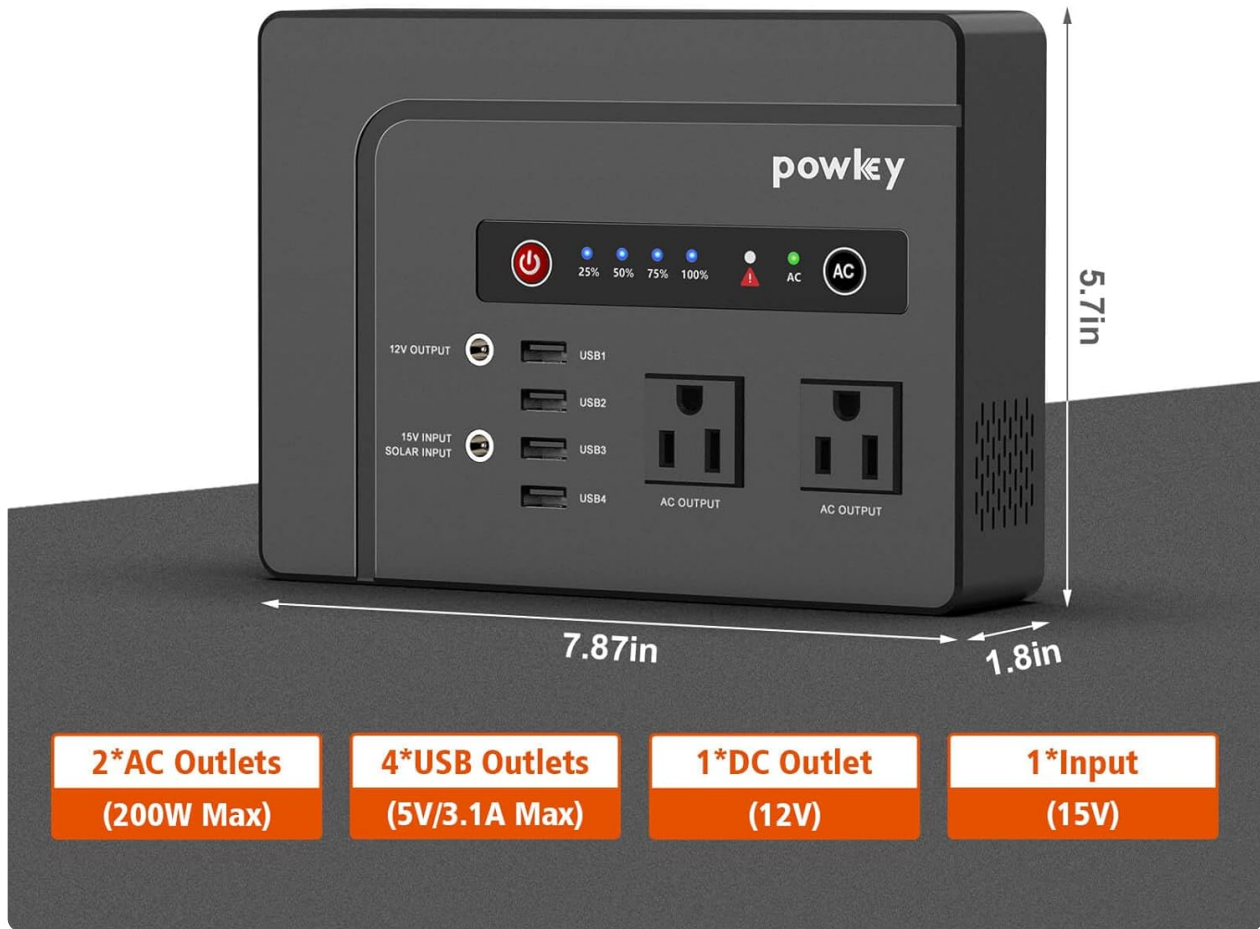


Image: Close-up view of the powkey HP200 power station, highlighting its 2 AC outlets, 4 USB outlets, 1 DC outlet, and 1 input port, along with its compact dimensions.

LED Flashlight Function:

- Press the flashlight button once to turn on the LED light.
- Press again for strobe mode.
- Press a third time for blinking mode.
- Press a fourth time to turn off the flashlight.

5. MAINTENANCE

- Store the unit in a cool, dry place away from direct sunlight and extreme temperatures.
- Recharge the unit 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.

6. TROUBLESHOOTING

Unit Not Turning On:

- Ensure the battery is charged. Connect to a power source and check the LED indicators.
- Press and hold the main power button for a few seconds to ensure it's not just a quick press.

Devices Not Charging:

- Verify the power station is turned on.
- For AC devices, ensure the AC output is activated by pressing its dedicated button.
- Check if the device's power consumption exceeds the power station's output limits (200W total, 100W for heating products).
- Ensure cables are securely connected to both the power station and the device.

Overload Protection:

The unit features Over Current Protection (OCP) and Over Voltage Protection (OVP). If an overload occurs, the unit may automatically shut down to protect itself. Disconnect the overloaded device and restart the power station.

7. SPECIFICATIONS

Feature	Detail
Model Number	HP200
Battery Capacity	146Wh / 39600mAh
AC Output	2 x 110V AC (Pure Sine Wave, Max 200W total)
USB Output	4 x USB Ports (5V/3.1A Max)
DC Output	1 x 12V DC Port
DC Input (Charging)	15V/2A (for AC adapter or solar panel)
Dimensions	7.87 x 1.81 x 5.71 inches
Weight	3.0 lbs (unit only) / 6.56 lbs (shipping weight)
Battery Type	Lithium Ion
Certifications	CE, FCC, ROHS, UL, MSDS, UN38.3, ISO9001 approved factory

8. WARRANTY AND SUPPORT

powkey provides a 30-day product return with a money-back guarantee. The product contains high-quality lithium-ion battery cells and is manufactured in an ISO9001 approved factory, ensuring 100% quality control. For further assistance or inquiries, please contact powkey customer service.

Note: Specific warranty duration beyond 30 days is not detailed in the provided product information. Please refer to your purchase documentation or contact powkey directly for full warranty terms.