ACOPOWER HY-ACBag-S320

ACOPOWER HY-ACBag-S320 Solar Generator 150WH

USER MANUAL

1. Introduction

Thank you for choosing the ACOPOWER HY-ACBag-S320 Solar Generator. This portable power station is designed to provide reliable power for your electronic devices, whether you're camping, during emergencies, or for general outdoor use. Please read this manual thoroughly before operating and keep it for future reference.

2. What's in the Box

Upon unboxing your ACOPOWER HY-ACBag-S320, ensure all components are present and in good condition. The package typically includes:

- ACOPOWER HY-ACBag-S320 Solar Generator Unit
- AC Wall Charger
- Car Charger Cable
- User Manual

Figure 1: The ACOPOWER HY-ACBag-S320 Solar Generator unit neatly packed within its protective case, alongside its charging cables.

Figure 2: A detailed view of the mesh pocket within the generator's carrying case, designed to store cables and smaller accessories securely.

3. Setup

3.1 Initial Charging

Before first use, fully charge the solar generator. Connect the AC wall charger to the DC input port on the generator and plug it into a standard wall outlet. The LED display will indicate charging status. Charging is complete when the battery icon is full.

3.2 Connecting Solar Panels (Optional)

If using an external solar panel (sold separately), connect the solar panel to the DC input port of the generator. Ensure the solar panel is placed in direct sunlight for optimal charging efficiency. The unit is compatible with various solar panels, including the ACOPOWER foldable solar panel shown in the video, which is highly portable.

Figure 3: The compact and portable design of the solar generator in its closed case, ready for transport or storage.

4. Operating Instructions

4.1 Turning On/Off AC Output

To turn on the AC output, single-click the AC button. The LED display will show 'AC' indicating the output is active. To turn off the AC output, press the AC button again. **Note:** The AC output will shut down automatically if a short circuit or overload is detected. Remove the device causing the issue to recover from protection.

4.2 Using USB Ports

Connect your USB digital appliances (e.g., smartphones, tablets) to the USB output ports. The generator will automatically provide power.

4.3 Emergency Light Function

To use the emergency light, press the light button. Press it again to cycle through different brightness levels or modes. Press and hold to turn off the light.

5. Maintenance

- Keep the unit dry and away from all corrosive substances, fire, and water.
- Store in a cool, dry place, away from direct sunlight.
- Avoid dropping or subjecting the unit to heavy impacts.
- Do not attempt to disassemble or repair the unit yourself. Refer to qualified personnel for service.

6. Troubleshooting

6.1 AC Output Shutdown

If the AC output shuts down, it indicates a short circuit or overload. Disconnect the problematic device and restart the generator. Ensure the connected device's wattage does not exceed the generator's capacity.

6.2 Device Not Charging

Check all cable connections. Ensure the power source (wall outlet, car charger, or solar panel) is functioning correctly. If using a solar panel, verify it is receiving adequate sunlight.

7. Specifications

Feature	Detail
Model	HY-ACBag-S320
Capacity	150Wh
Battery Type	High-Quality Lithium Polymer Batteries
Dimensions	10 x 8 x 4 inches
Weight	12 ounces
Input Recharging	DC15V/2A
Fully Charged Time	DC: 8-9 hours
Output	USB 5V/3.1A (MAX), DC 9-12.6V/10A (MAX)

8. Warranty & Support

ACOPOWER products are manufactured to the highest quality standards. For warranty information, technical support, or any questions regarding your product, please visit the official ACOPOWER website or contact their customer service. Please retain your proof of purchase for warranty claims.