

HZPOWEN eggreh-001

HZPOWEN AC/DC Adapter Charger User Manual

Model: eggreh-001

1. PRODUCT OVERVIEW

This HZPOWEN AC/DC Adapter Charger is designed as a replacement power supply for various jump starters and power packs. It provides reliable power for charging and maintaining the readiness of your automotive battery jump starters and portable power supplies.

It is compatible with a range of models including Duralast Gold BP-DLG, BPDLG 700 AMP, 900 Amp BP-DL900 Peak Jump Starter Battery Jumpers, Duracell Powerpack 450 Amp, 450A, 300 amp Jump Starter Power Supply Cords, Duracell Power pack 600 Heavy Duty Portable 600 Watt Power pack 600HD 852-2007 AC Charger Input Socket, Solar Booster Pac ESA22 ES2500 SOLESA-22 SOLES2500KE ES5000 SOLES5000, and GEN TECH 5 IN 1 PORTABLE POWER PACK ITEM 60703 Battery Charger.



Figure 1: The HZPOWER AC/DC Adapter Charger. This image displays the main unit with its two-prong US-style plug and the attached output cable terminating in a barrel connector.

Key Features:

- **Wide Compatibility:** Designed to work with multiple brands and models of jump starters and power packs.
- **Safety Certifications:** CE, FCC, and RoHS certified, ensuring adherence to safety and environmental standards.
- **Built-in Protections:** Features multiple safety mechanisms to protect both the adapter and the connected device.

BUILT-SAFETY PROTECTIONS

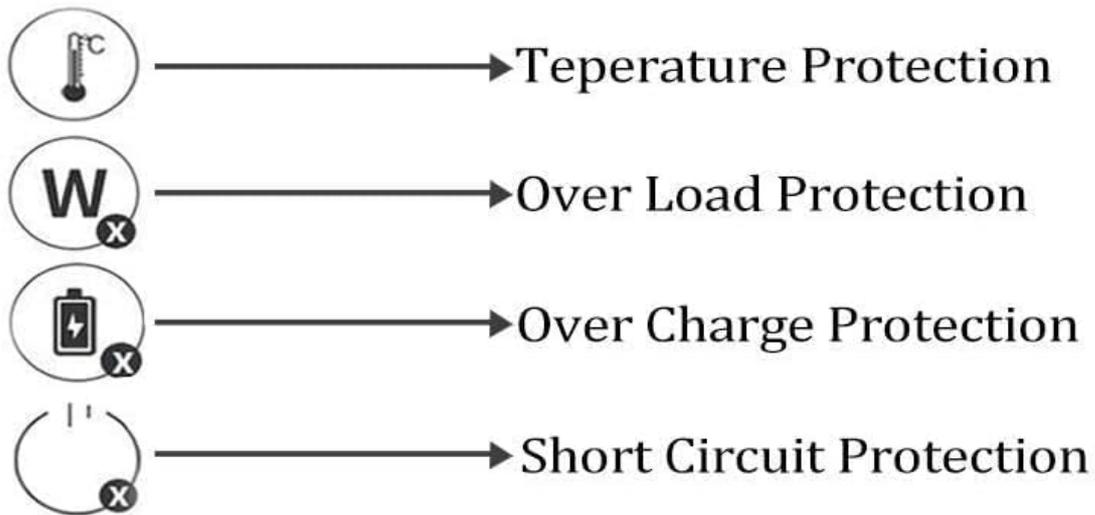


Figure 2: Built-in Safety Protections. This diagram illustrates the protective features of the adapter, including temperature protection, over-load protection, over-charge protection, and short-circuit protection.

2. SETUP INSTRUCTIONS

Before using the adapter, ensure that your jump starter or power pack is compatible with the specifications of this charger. Verify the input voltage and connector size requirements of your device.

Connecting the Adapter:

1. Locate the charging input socket on your jump starter or power pack.
2. Insert the barrel connector of the HZPOWEREN adapter firmly into the device's charging socket. The connector size is 5.5mm x 2.5mm.
3. Plug the two-prong AC plug of the adapter into a standard 100-240V AC wall outlet.

Once connected, your device should begin charging. Refer to your device's manual for specific charging indicators.

3. OPERATING THE CHARGER

The HZPOWEN AC/DC Adapter Charger operates automatically once connected to a power source and a compatible device. It is designed to provide a stable 12V 2A output for efficient charging.

Charging Process:

- Ensure both ends of the adapter are securely connected.
- The adapter will automatically detect the charging needs of the connected device.
- Monitor your device's charging status indicators to determine when charging is complete.
- Once charging is complete, disconnect the adapter from the wall outlet first, then from your device.

The adapter is equipped with safety features to prevent overcharging and short circuits, ensuring safe operation.

4. MAINTENANCE AND CARE

Proper care and maintenance will extend the lifespan of your HZPOWEN AC/DC Adapter Charger.

- **Cleaning:** Wipe the adapter with a dry, soft cloth. Do not use liquid cleaners or solvents.
- **Storage:** Store the adapter in a cool, dry place away from direct sunlight and moisture when not in use.
- **Handling:** Avoid bending or crimping the cable excessively, especially near the connectors, as this can damage internal wires.
- **Inspection:** Periodically inspect the adapter and cable for any signs of damage, such as frayed wires or cracked casing. Discontinue use if damage is found.

5. TROUBLESHOOTING

If you encounter issues with your HZPOWEN AC/DC Adapter Charger, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Adapter not charging device.	Loose connection. Incompatible device. Faulty wall outlet. Damaged adapter.	Ensure both ends of the adapter are securely plugged in. Verify your device's input specifications match the adapter (12V 2A, 5.5mm x 2.5mm connector). Try plugging the adapter into a different working wall outlet. Inspect the adapter and cable for visible damage. If damaged, discontinue use and replace.
Charging stops intermittently.	Loose connection. Overheating (adapter's protection). Device issue.	Unplug and re-plug the adapter from both the wall and the device. Ensure adequate ventilation around the adapter during use. Test the adapter with another compatible device if possible to rule out a device-specific issue.
Adapter feels hot during use.	Normal operation (slight warmth). Overload or poor ventilation.	A slight warmth is normal. If it's excessively hot, disconnect immediately. Ensure the adapter is not covered and has proper airflow. Verify the device's power requirements do not exceed the adapter's output (12V 2A).

If the problem persists after trying these solutions, please contact HZPOWEN customer support.

6. SPECIFICATIONS

Feature	Detail
Brand	HZPOWEN
Model Number	eggreh-001
Input Voltage Range	100-240V AC, 50/60Hz
Output Voltage/Current	12V DC, 2A
Connector Size	5.5mm x 2.5mm
Color	Black
Item Weight	2.89 ounces
Package Dimensions	3.74 x 2.8 x 2.24 inches
Certifications	CE, FCC, RoHS

INPUT:100-240V AC
50-60Hz
OUTPUT:12V-2A



Figure 3: Input and Output Specifications. This image visually confirms the adapter's input voltage range (100-240V AC, 50-60Hz) and output specifications (12V-2A).



Figure 4: Adapter Dimensions. This image provides a visual representation of the adapter's physical dimensions, including its width, height, and depth.

7. WARRANTY AND SUPPORT

Specific warranty information for this HZPOWEN product is not provided in the product details. For warranty claims or technical support, please contact HZPOWEN directly through their official website or the retailer from whom the product was purchased.

When contacting support, please have your product model number (eggreh-001) and purchase details ready.

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For the latest information and updates, please visit the official HZPOWEN website.