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Metasources HH-744

Metasources AC/DC Adapter Instruction Manual

Model: HH-744

Introduction

This manual provides instructions for the safe and effective use of your Metasources AC/DC Adapter. This adapter is designed for compatibility with Tyrell Chenergy HH-744 and HH744 1200 Amp Battery Jumper Jump Starter and 260 PSI Air Compressor units. Please read this manual thoroughly before use and retain it for future reference.

Safety Information

- Ensure the adapter is used with compatible devices only, specifically the Tyrell Chenergy HH-744/HH744.
- This adapter is FCC approved and safety certified, featuring built-in Overcurrent Protection (OCP), Short-Circuit Protection (SCP), and Overvoltage Protection (OVP) for safe operation.
- Do not expose the adapter to water, moisture, or extreme temperatures.
- Do not attempt to disassemble or modify the adapter. Refer all servicing to qualified personnel.
- Always unplug the adapter from the power outlet when not in use or during electrical storms.
- Keep out of reach of children.

Product Overview

The Metasources AC/DC Adapter is a reliable power supply designed to charge your compatible Tyrell Chenergy jump starter. It features a durable design and supports global voltage input.



Figure 1: Metasources AC/DC Adapter. This image displays the adapter unit with its attached power cable, terminating in a barrel-type connector. The adapter itself is black with a standard US two-prong plug.

- **Input:** 100-240V AC, 50/60Hz
- **Output:** 12V DC, 2.0A (as indicated on the adapter label)
- **Connector Type:** Barrel Round Connector
- **Included Components:** 1 AC Adapter

Setup

1. **Inspect the Adapter:** Before first use, visually inspect the adapter and cable for any signs of damage. Do not use if damaged.
2. **Connect to Device:** Locate the charging port on your Tyrell Chenergy HH-744/HH744 jump starter. Insert the barrel connector of the AC/DC adapter firmly into the charging port.
3. **Connect to Power Outlet:** Plug the AC/DC adapter into a standard 100-240V AC wall outlet.



Figure 2: Adapter Plug. This image shows a side view of the Metasources AC/DC Adapter, highlighting the two-prong plug designed for standard wall outlets.

Once connected, your Tyrell Chenergy unit should begin charging. Refer to your jump starter's manual for specific charging indicators.

Operating

The Metasources AC/DC Adapter functions as a power supply to charge the internal battery of your compatible Tyrell Chenergy HH-744/HH744 jump starter. It is not intended for direct operation of the jump starter's functions without its internal battery.

- Ensure the jump starter is powered off before connecting the adapter for charging.
- Connect the adapter as described in the "Setup" section.

- Allow the jump starter to charge fully according to its own instruction manual.
- Once charging is complete, disconnect the adapter from the jump starter first, then from the wall outlet.

Maintenance

- **Cleaning:** Disconnect the adapter from all power sources before cleaning. Use a soft, dry cloth to wipe the exterior. Do not use liquid cleaners or solvents.
- **Storage:** Store the adapter in a cool, dry place away from direct sunlight, moisture, and corrosive materials. Avoid tightly winding the cable to prevent damage.
- **Inspection:** Periodically inspect the cable and connector for any signs of wear, cuts, or damage. Replace the adapter if any damage is observed.

Troubleshooting

Problem	Possible Cause	Solution
Device not charging.	Adapter not properly connected.	Ensure the adapter's barrel connector is fully inserted into the device's charging port and the AC plug is firmly in the wall outlet.
Device not charging.	Wall outlet is not active.	Test the wall outlet with another known working appliance.
Device not charging.	Adapter or cable is damaged.	Inspect the adapter and cable for visible damage. If damaged, discontinue use and replace.
Device not charging.	Incompatible device.	Verify that your device is a Tyrell Chenergy HH-744 or HH744 model. This adapter is specifically designed for these models.

Specifications

- **Brand:** Metasources
- **Model:** HH-744
- **Input:** 100-240V AC, 50/60Hz
- **Output:** 12V DC, 2.0A
- **Connector Type:** Barrel Round Connector
- **Weight:** Approximately 3 Ounces (85 grams)
- **Safety Features:** Overcurrent Protection (OCP), Short-Circuit Protection (SCP), Overvoltage Protection (OVP)
- **Color:** Black

Warranty and Support

This Metasources AC/DC Adapter is backed by a **24-month exchange warranty**. A **30-day refund** policy is also available from the date of purchase.
For warranty claims, technical support, or further assistance, please refer to your purchase documentation or contact Metasources directly through their official Amazon store page or customer service channels.
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