onerbl B0CCTTDVXP

onerbl 54.8V 2A Power Supply Adapter Charger Instruction Manual

Model: B0CCTTDVXP | Brand: onerbl

1. Introduction

This instruction manual provides essential information for the safe and effective use of your onerbl 54.8V 2A Power Supply Adapter Charger. This charger is designed for 48V 13S Lithium Li-ion Battery Packs. Please read this manual thoroughly before operating the device and retain it for future reference.

2. Safety Information

To ensure safe operation and prevent damage, observe the following safety precautions:

- Use the charger only with compatible 48V 13S Lithium Li-ion Battery Packs.
- Do not expose the charger to water, moisture, or extreme temperatures.
- Avoid dropping or subjecting the charger to strong impacts.
- Do not disassemble or modify the charger. Refer all servicing to qualified personnel.
- Ensure proper ventilation around the charger during use to prevent overheating.
- Unplug the charger from the power outlet when not in use or during electrical storms.



This graphic highlights the 'SMART CHIP' technology integrated into the power adapter, designed to guard electricity safety. It features icons representing multiple protection mechanisms: short-circuit protection, over-voltage protection, and over-current protection, ensuring safe and reliable charging.

3. Product Overview

The onerbl 54.8V 2A Power Supply Adapter Charger is a high-quality replacement AC/DC power charger designed for efficient and safe charging of 48V 13S Lithium Li-ion Battery Packs. It features a robust design with built-in protection mechanisms.



This image illustrates the physical dimensions of the power adapter and its connected cables. The main adapter unit measures 4.2 inches in length. The DC output cable is 44.3 inches long, and the AC input cable is 79.3 inches long. The total cable length is approximately 127.8 inches. The DC plug dimensions are 1.8 inches in total length with a 1.2-inch barrel.



This image displays the detachable AC power cord, featuring a standard two-prong US plug on one end and a C7 connector (figure-8) on the other, designed to connect to the power adapter.

4. Specifications

Input Voltage	AC 100-240V, 50/60Hz (Worldwide Auto Input)
Output Voltage	DC 54.8V
Output Current	2A
DC Plug Type	5.5mm * 2.1mm with a 5.5 * 2.5mm tip
Cable Length	Approximately 127.8 inches (3.25 meters) total
Protection Features	Over Voltage Protection, Over Heat Protection, Short-circuit Protection
Manufacturer	Shenzhen Waweis Technology Co., Ltd
ASIN	B0CCTTDVXP

5. Setup

Follow these steps to set up your power supply adapter:

1. **Connect the AC Power Cord:** Insert the C7 connector (figure-8) end of the AC power cord into the corresponding port on the power adapter.
2. **Plug into Wall Outlet:** Insert the two-prong plug of the AC power cord into a standard AC 100-240V wall outlet.
3. **Connect to Device:** Plug the DC output connector (5.5mm * 2.1mm or 5.5 * 2.5mm tip) into the charging port of your compatible 48V 13S Lithium Li-ion Battery Pack or device.
4. **Verify Connection:** Ensure all connections are secure. The adapter typically has an indicator light (often

blue) that illuminates when power is supplied and charging is active.



This image shows the power adapter in a typical usage scenario, plugged into a wall outlet. The adapter unit rests on a surface, with its blue indicator light visible, suggesting it is powered on and operational. The output cable extends to power a device, demonstrating a clean and functional setup.

6. Operating Instructions

Once properly set up, the charger will automatically begin providing power to your connected device. The blue indicator light on the adapter signifies that it is receiving power and is ready for operation or actively charging.

- **Charging:** Connect the DC plug to your 48V 13S Lithium Li-ion Battery Pack. The charger will automatically detect the battery and begin charging.
- **Monitoring:** Observe the indicator light on the charger. A steady blue light typically indicates normal operation or charging. Refer to your battery pack's manual for specific charging status indicators on the battery itself.
- **Disconnection:** Once charging is complete, or if you need to disconnect, first unplug the DC connector from your device, then unplug the AC power cord from the wall outlet.

This diagram illustrates the wide range of applications for the power adapter, showcasing its compatibility with various electronic devices such as set-top boxes, routers, battery packs, LED strips, oxygen machines, Roomba vacuums, game players, depilators, cameras, humidifiers, and digital frames.

7. Maintenance

Proper maintenance ensures the longevity and optimal performance of your charger:

- **Cleaning:** Disconnect the charger 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 charger in a cool, dry place away from direct sunlight and moisture when not in use. Avoid wrapping the cables too tightly.
- **Inspection:** Periodically inspect the power cord and adapter for any signs of damage, such as frayed wires,

bent pins, or cracks. If damage is found, discontinue use and replace the unit.



This image illustrates the internal construction of the power cable, highlighting the copper wire conductors and the protective PVC jacket. It emphasizes the product's quality control and durable design, ensuring longevity and safety.

8. Troubleshooting

If you encounter issues with your charger, try the following steps:

- **Charger Not Powering On (No Indicator Light):**
  - Ensure the AC power cord is securely connected to both the adapter and the wall outlet.
  - Test the wall outlet with another device to confirm it is functional.
  - Check for any visible damage to the power cord or adapter.
- **Device Not Charging:**
  - Verify that the DC plug is fully inserted into your device's charging port.
  - Confirm that your device is compatible with a 54.8V 2A power supply and uses a 48V 13S Lithium Li-ion Battery Pack.
  - Ensure the DC plug size (5.5mm * 2.1mm or 5.5 * 2.5mm tip) matches your device's port.
  - If the charger has an indicator light, ensure it is on.
- **Overheating:**
  - Ensure the charger is placed in a well-ventilated area and not covered.
  - Disconnect the charger and allow it to cool down before resuming use. If overheating persists, discontinue use.

9. Warranty and Support

This product is designed for high quality and reliability. For any questions, technical support, or warranty inquiries, please contact the seller or manufacturer directly through your purchase platform. Please have your product model (B0CCTTDVXP) and purchase date available when contacting support.