Onerbl FYD601504000H

Onerbl AC-DC Adapter Instruction Manual

For ALLPOWERS AP Model S300 Portable Power Station (Model: FYD601504000H)

1. Introduction

This manual provides essential instructions for the safe and efficient use of your Onerbl AC-DC Adapter. This adapter is specifically designed as a high-quality replacement power supply for the ALLPOWERS AP Model S300 (AP-SS-005-BLA-USNEW) 288Wh Li-ion Battery 300W Portable Solar Generator Power Station. It converts standard AC power from electrical outlets into the DC power required by your device, ensuring reliable operation and charging.
Please read this manual thoroughly before using the adapter and retain it for future reference.

2. Important Safety Instructions

- Ensure the adapter's voltage and current ratings match your device's requirements (DC20V 3A).
- Do not expose the adapter to rain, moisture, or extreme temperatures.
- Avoid dropping or subjecting the adapter to strong impacts.
- Do not disassemble or attempt to repair the adapter yourself. Refer to qualified service personnel.
- Keep the adapter away from children.
- Unplug the adapter from the power outlet when not in use for extended periods.
- Ensure proper ventilation around the adapter during operation to prevent overheating.

3. Package Contents

Verify that all items are present in the package:

- Onerbl AC-DC Adapter (Main Unit)
- AC Power Cord (for connecting to wall outlet)
- DC Output Cable (integrated with adapter)



Figure 1: The Onerbl AC-DC Adapter unit, showing the main adapter block, the detachable AC power cord, and the integrated DC output cable.

4. Setup Instructions

1. **Connect the AC Power Cord:** Take the detachable AC power cord and firmly insert its two-prong connector into the AC input port on the Onerbl AC-DC Adapter.



Figure 2: Close-up view of the detachable AC power cord, which connects the adapter to a wall outlet.

2. **Connect to Power Outlet:** Plug the other end of the AC power cord (the standard two-prong plug) into a suitable wall electrical outlet (AC 100-240V, 50/60Hz).
3. **Connect to Device:** Insert the DC output plug (the round barrel connector) from the adapter's integrated cable into the DC input port of your ALLPOWERS AP Model S300 Portable Power Station.



Figure 3: The Onerbl AC-DC Adapter in use, connected to a wall outlet and a portable power station.

4. **Verify Connection:** A blue indicator light on the adapter unit should illuminate, indicating that power is being supplied.

5. Operating Instructions

Once properly connected, the Onerbl AC-DC Adapter will automatically begin supplying power to or charging your ALLPOWERS AP Model S300 Portable Power Station.

- The adapter is designed for continuous operation, but ensure adequate ventilation.
- Monitor the charging status on your ALLPOWERS S300 device.
- The adapter features built-in over-voltage and over-heat protection for safe operation.

6. Care and Maintenance

- **Cleaning:** Disconnect the adapter from all power sources before cleaning. Use a soft, dry cloth to wipe the surface. Do not use liquid cleaners or aerosols.
- **Storage:** When not in use, store the adapter in a cool, dry place, away from direct sunlight and moisture. Coil the cables neatly to prevent damage.
- **Inspection:** Periodically inspect the adapter and cables for any signs of damage, such as frayed wires or cracked casing. If damage is found, discontinue use immediately and replace the adapter.

7. Troubleshooting

Problem	Possible Cause	Solution
Adapter not supplying power / Indicator light off	◦ Loose connection ◦ No power from wall outlet ◦ Faulty adapter or cable	◦ Ensure all cables are firmly connected. ◦ Test the wall outlet with another device. ◦ Replace the adapter if it is damaged.
Adapter gets excessively hot	◦ Poor ventilation ◦ Overload or internal fault	◦ Ensure the adapter is in a well-ventilated area. ◦ Disconnect and allow to cool. If problem persists, discontinue use.
Device not charging	◦ Incorrect adapter specifications ◦ Device input port issue	◦ Verify the adapter's output (DC20V 3A) matches your device's requirements. ◦ Consult your ALLPOWERS S300 manual for device-specific troubleshooting.

8. Specifications

- **Model:** FYD601504000H
- **Input:** AC 100-240V, 50/60Hz (Worldwide AC Input)
- **Output:** DC 20V, 3A
- **Compatibility:** Specifically designed for ALLPOWERS AP Model S300 (AP-SS-005-BLA-USNEW)

288Wh Li-ion Battery 300W Portable Solar Generator Power Station.

- **Protections:** Over Voltage Protection, Over Heat Protection
- **Cable Length (Total):** Approximately 127.8 inches (324.6 cm) - *Refer to Figure 4 for detailed dimensions.*

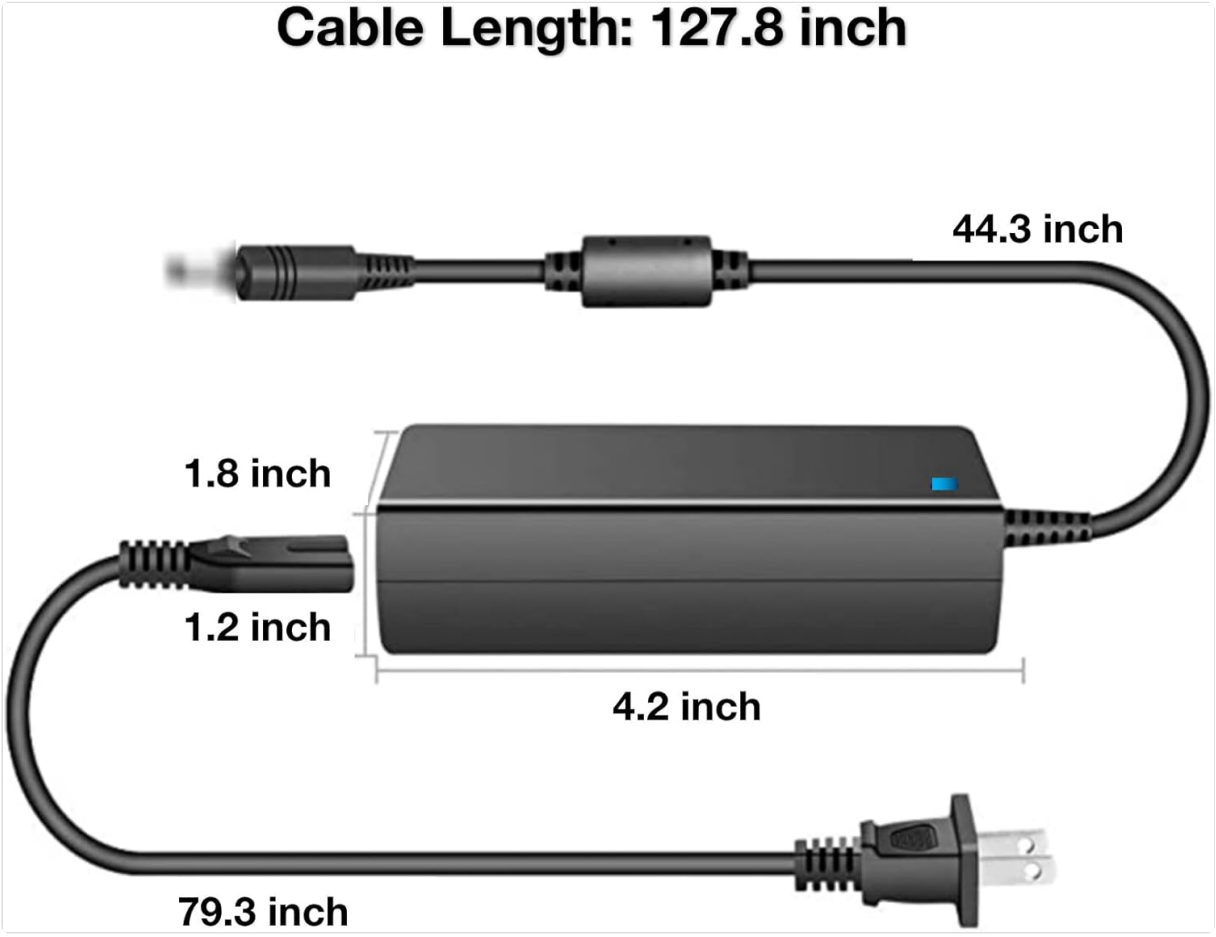


Figure 4: Detailed dimensions of the Onerbl AC-DC Adapter, including the main unit and cable lengths.

9. Warranty and Support

For warranty information or technical support, please refer to the documentation provided with your purchase or contact the retailer directly.