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› TIANLUAN AC Adapter Charger User Manual for Duralast Gold and Compatible Jump Starters

## TIANLUAN SW-13510

# TIANLUAN AC Adapter Charger User Manual

Model Compatibility: Duralast Gold BP-DLG, BPDLG 700 AMP, 900 Amp, BP-DL900 Peak Jump Starter Power Supply and more.

## 1. INTRODUCTION

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This user manual provides essential information for the safe and effective use of your TIANLUAN AC Adapter Charger. This adapter is designed to provide reliable power to a range of compatible jump starters and portable battery chargers. The adapter features a high-quality housing and a generous cable length for convenience. Please read this manual thoroughly before using the product.



Figure 1: TIANLUAN AC Adapter Charger. This image shows the main unit of the AC adapter, including its label with input/output specifications and safety certifications. The attached power cord with a barrel connector is also visible.

## 2. SAFETY INFORMATION

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

- **Important Compatibility Note:** This adapter is **NOT suitable for devices requiring 16V, 17V, 18V, or 19V.** Using it with incompatible voltage devices may cause damage to the adapter or the connected device.
- Do not expose the adapter to water, moisture, or extreme temperatures.
- Do not disassemble or attempt to repair the adapter. Refer all servicing to qualified personnel.
- Use the adapter only with compatible devices as specified in this manual.

- Ensure the adapter is plugged into a properly grounded electrical outlet.
- Keep the adapter away from flammable materials.
- Unplug the adapter from the power outlet when not in use for extended periods.

### 3. SETUP

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Follow these steps to set up your AC adapter:

1. Identify the power input port on your compatible jump starter or portable battery charger. This adapter uses a standard barrel connector.



Figure 2: Barrel Connector. This image provides a close-up view of the barrel-type DC output connector, which plugs into the compatible device.

2. Plug the barrel connector of the TIANLUAN AC Adapter into the power input port of your device. Ensure a snug and secure connection.
3. Insert the AC plug of the adapter into a standard 100-240V wall outlet.
4. Once connected, your device should begin charging or receive power, indicated by its respective charging indicator (if applicable).

### 4. OPERATING

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The TIANLUAN AC Adapter operates automatically once connected to a power source and a compatible device. It provides a stable 13.5V DC output to charge or power your equipment.

- Ensure the adapter is placed in a well-ventilated area during operation to prevent overheating.
- Monitor your device's charging status as per its own user manual.

## 5. MAINTENANCE

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Proper maintenance ensures the longevity of your AC adapter:

- Keep the adapter clean by wiping it with a soft, dry cloth. Do not use liquid cleaners or solvents.
- Store the adapter in a cool, dry place when not in use.
- Avoid bending or crimping the power cord excessively, as this can damage the internal wires.
- Regularly inspect the adapter and its cable for any signs of damage. If damage is found, discontinue use and contact support.

## 6. TROUBLESHOOTING

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If you encounter issues with your TIANLUAN AC Adapter, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Adapter not providing power.	No power from wall outlet; loose connection; damaged adapter.	Check wall outlet with another device. Ensure all connections are secure. Inspect adapter for visible damage.
Device not charging/powering on.	Incompatible device; device issue; adapter output issue.	Verify device compatibility with 13.5V 1A output. Consult your device's manual. If adapter is suspected, contact support.
Adapter feels hot.	Normal operation under load; poor ventilation; overload.	Slight warmth is normal. Ensure adapter is in a well-ventilated area. Disconnect if excessively hot and contact support.

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

## 7. SPECIFICATIONS

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Feature	Detail
Brand	TIANLUAN
Input Voltage Range	100-240V AC
Output Voltage	13.5V DC
Output Current	1A

Feature	Detail
Output Wattage	13.5W (13.5V * 1A)
Cable Length	Approx. 1.8 meters (6 feet)
Connector Type	Barrel Connector
Special Features	Portable, High-quality housing
Compatible Devices (Partial List)	Duralast Gold BP-DLG, BPDLG 700 AMP, 900 Amp, BP-DL900 Peak Jump Starter Power Supply; GEN TECH 5-in-1 portable battery charger item 60703; Duralast BP-DL BPDFL 450A; Duracell Powerpack 450 Amp, 300 Amp, 600W, 600HD, 852-2007; Solar Pac ESA22 ES2500 SOLESA-22 SOLES2500KE ES5000 SOLES5000 SOLCS2000 ESA217 ES6000 SOLES6000KE SOL2001; Wagan 900A battery jump starter; DUEM 2412; RACELL 854-1707-07.

*Note: The 300 watts mentioned in some product listings refers to the capacity of some compatible jump starters, not the output wattage of this specific AC adapter. The adapter's output is 13.5W.*

## 8. WARRANTY AND SUPPORT

TIANLUAN is committed to providing high-quality products and customer satisfaction. While specific warranty details are not provided in this manual, technical support is available.

If you have any questions, concerns, or require technical assistance, please do not hesitate to contact us. We aim to respond as soon as possible, typically within 24 hours.

For support, please refer to the contact information provided with your purchase or on the official TIANLUAN website.

