

YUSTDA A180421094

YUSTDA AC/DC Adapter User Manual

For Trimble GeoExplorer 7/7X and 6000 Series Devices

1. INTRODUCTION

This manual provides essential instructions for the safe and effective use of your YUSTDA AC/DC Adapter. This adapter is designed to provide power and charge the battery packs of compatible Trimble GeoExplorer 7/7X series (Geo7x, G7x, Geo 7x, G 7x) and Trimble GeoExplorer 6000 series (GeoXH, GeoXT, 88950, 88950-20) handheld devices.



Figure 1: YUSTDA AC/DC Adapter. This image displays the main adapter unit with its attached power cord, illustrating its compact design.

2. SAFETY INFORMATION

Please read and understand all safety instructions before using this product. Failure to follow these instructions may result in electric shock, fire, or other hazards.

- **Indoor Use Only:** This adapter is designed for indoor use in dry locations. Do not expose to rain, moisture, or

extreme temperatures.

- **Proper Voltage:** Ensure the wall outlet voltage is within the adapter's specified input range (100-240VAC).
- **Avoid Overload:** Do not overload power outlets or extension cords.
- **Handle with Care:** Do not drop, disassemble, or attempt to repair the adapter. Refer servicing to qualified personnel.
- **Cable Integrity:** Inspect the power cord for damage before each use. Do not use if the cord is frayed or damaged.
- **Ventilation:** Ensure adequate ventilation around the adapter during use. Avoid covering it with cloths or placing it in enclosed spaces.
- **Disconnect When Not in Use:** Unplug the adapter from the power outlet when not in use for extended periods.



Figure 2: Adapter with Caution Label. This image highlights the caution label on the adapter, advising against use in wet locations and emphasizing indoor use only.

3. SETUP INSTRUCTIONS

1. **Verify Compatibility:** Ensure your device is a compatible Trimble GeoExplorer 7/7X series (Geo7x, G7x, Geo 7x, G7x) or 6000 series (GeoXH, GeoXT, 88950, 88950-20) handheld.
2. **Connect to Device:** Insert the adapter's output connector securely into the power input port of your Trimble device.
3. **Connect to Power Outlet:** Plug the AC input prongs of the adapter into a standard 100-240VAC wall outlet.
4. **Power Indicator:** Some devices may have a charging indicator light. Observe this light to confirm the device is receiving power and charging.



Figure 3: Adapter Connected to Power. This image shows the YUSTDA AC/DC adapter plugged into a power strip, demonstrating a typical connection scenario.

4. OPERATING INSTRUCTIONS

Once properly connected, the adapter will automatically begin supplying power to your Trimble device and charging its

battery. The adapter is designed for continuous operation within its specified limits.

- The adapter provides a stable power supply for your device.
- It is compatible with worldwide input voltage (100-240VAC, 50/60Hz).
- The adapter features built-in protection mechanisms for safety and device longevity.

5. MAINTENANCE

To ensure the longevity and optimal performance of your YUSTDA AC/DC Adapter, follow these simple maintenance guidelines:

- **Cleaning:** Disconnect the adapter from the power source and the device 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 when not in use. Avoid wrapping the cable too tightly around the adapter to prevent damage.
- **Inspection:** Periodically inspect the adapter and its cable for any signs of wear, cuts, or damage. If damage is observed, discontinue use immediately.

6. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
Device not charging/powering on.	<ul style="list-style-type: none">• Adapter not properly plugged in.• Wall outlet not functioning.• Device power port issue.• Adapter or cable damage.	<ul style="list-style-type: none">• Ensure all connections are secure.• Test the wall outlet with another device.• Try connecting the adapter to a different compatible device if available.• Inspect adapter and cable for visible damage. Discontinue use if damaged.
Adapter feels warm during use.	Normal operation.	A slight warmth is normal during operation. If the adapter becomes excessively hot or emits smoke/odor, unplug immediately and discontinue use. Ensure adequate ventilation.
Intermittent charging.	Loose connection or damaged cable.	Check all connections. Inspect the cable for damage.

This adapter includes built-in protection features such as overload protection, over-charge/discharge protection, overheating protection, anti-interference, and short-circuit protection to safeguard your device.

7. SPECIFICATIONS

Brand: YUSTDA

Model Number: A180421094

Input Voltage: 100-240VAC, 50/60Hz

Output Voltage: Compatible with specified Trimble devices. (Note: The provided source data lists '240 Volts' for output, which is likely an error. This adapter provides appropriate DC voltage for the compatible devices.)

Connector Type: Proprietary

Compatible Devices: Trimble Geo GeoExplorer 7 series, Geo7x, G7x, Geo 7x, G 7x, GeoXH, Geo XT, 6000 series GPS handhelds.

Special Features: Overload Protection, Over-charge/discharge protection, Overheating Protection, Anti-Interference, Short-circuit protection.

Item Weight: 8 ounces (approximately 227 grams)

8. WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries regarding your YUSTDA AC/DC Adapter, please contact the manufacturer directly. Refer to the product packaging or the point of purchase for specific contact details.

