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› T-Power 12V Car Power Adapter User Manual for Uniden Bearcat Radio Scanners and Atlantis Marine Radios

T POWER TP-eQ6-ORA

T-Power 12V Car Power Adapter User Manual

For Uniden Bearcat Radio Scanners and Atlantis Marine Radios (Model: TP-eQ6-ORA)

1. PRODUCT OVERVIEW

The T-Power 12V Car Power Adapter is designed to provide reliable power to compatible Uniden Bearcat Radio Scanners and Uniden Atlantis Marine Radios from a vehicle's 12V DC power outlet. This adapter ensures your devices remain charged and operational while on the go.

What's in the Box

- 1 x T-Power 12V Car Power Adapter



Image 1.1: The T-Power 12V Car Power Adapter, featuring a barrel connector for the device and a car cigarette lighter plug for the vehicle's power outlet.

2. COMPATIBILITY

This T-Power 12V Car Power Adapter is specifically designed for use with 12V DC car/auto power outlets and is compatible with the following Uniden and RELM models. **It is crucial to verify your device's model number before use to ensure compatibility. This adapter is NOT compatible with 15V DC devices.**

Compatible Uniden Bearcat Radio Scanners:

- BC60XLT-1, BC-70XLT, BC-80XLT, BC-120 XLT
- BC-220XLT, BC-230XLT, BC-235XLT, BC-245XLT
- BC-2500XLT, BC-3000XLT
- SC-150, SC-150B, SC-150Y, SC-180, SC-180B, SC-200
- AD70, AD-70, AD-70U, AD7019
- SPORTCAT

Compatible Uniden Atlantis Marine Radios:

- Atlantis 250, Atlantis 250G, Atlantis 250BK

Compatible RELM Models:

- HS-200, HS-100

Output: DC 12V 2A. This adapter is designed for 12V DC car/auto/boat power only.

3. SETUP AND CONNECTION

1. **Verify Compatibility:** Before connecting, ensure your device is listed in the compatibility section and requires a 12V DC input.
2. **Connect to Device:** Insert the barrel connector end of the T-Power adapter into the power input port of your Uniden radio scanner or marine radio.
3. **Connect to Vehicle:** Insert the car cigarette lighter plug end of the T-Power adapter firmly into your vehicle's 12V DC power outlet.
4. **Power Indicator:** A red power indicator light on the car plug will illuminate when the adapter is receiving power from the vehicle.
5. **Begin Charging/Powering:** Your device should now begin charging or operating directly from the vehicle's power.



Image 3.1: The adapter features an extra-long 6.6 feet cord for convenient placement within your vehicle.

4. OPERATION

Once connected, the T-Power 12V Car Power Adapter provides a stable 12V DC 2A output to your compatible device. The adapter is designed for continuous use while your vehicle's power outlet is active. No additional controls are present on the adapter itself; operation is automatic upon connection to a powered 12V DC source.

- Ensure the vehicle's ignition is on or the 12V DC outlet is active for power delivery.
- Monitor your device's charging indicator to confirm it is receiving power.
- Disconnect the adapter from the vehicle's power outlet when not in use to prevent battery drain, especially if the outlet remains active when the ignition is off.

5. SAFETY INFORMATION AND PRECAUTIONS

The T-Power adapter is manufactured with safety features to protect your devices and the adapter itself. Adhere to the following safety guidelines:

- **Voltage Compatibility:** Only use this adapter with devices requiring 12V DC input. Do not attempt to use it with 15V DC or other voltage requirements.
- **Vehicle Compatibility:** Designed for 12V DC car/auto/boat power outlets only.
- **Over-Current Protection:** The adapter includes safeguards against excessive current flow.
- **Over-Temperature Protection:** Internal mechanisms prevent overheating.
- **Over-Voltage Protection:** Protects against input voltage spikes.
- **Short Circuit Protection:** Designed to prevent damage from short circuits.
- **Replaceable Fuse:** The car plug contains a replaceable F5AL250V fuse for enhanced safety. Refer to the maintenance section for fuse replacement.
- **Environmental Conditions:** Avoid exposing the adapter to moisture, extreme temperatures, or direct sunlight.
- **Physical Damage:** Do not use the adapter if the cable or connectors are damaged.
- **Disassembly:** Do not attempt to disassemble or modify the adapter.



Image 5.1: Exploded view of the car plug, highlighting the replaceable F5AL250V fuse for safety.



Over-Current Protection



Over-Temp Protection



Over-Voltage Protection



Short Circuit Protection

SUPERIOR SAFETY POWER ADAPTER



Warm Tips

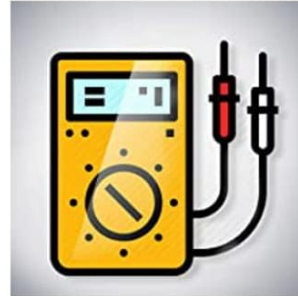
Please check our compatible Model List and Notice. Make sure the Model# or Part# match your device.

please feel free to contact us for any inquiries



Professional of Power Adapters

T-Power adapters are tested on the original device to ensure compatibility. Certified by T-power technicians 100% compatible.



Safety Features with Safety certified

Safeguards against incorrect voltage, short circuit, and internal overheating. (CE/FCC/RoHS certified)



Reinforced Power Cord

Long lasting DC cord for your convenience and charge your device.

T-Power is a globally trusted provider of premier power supplies and power supply products.



30-Day Return for Any Reason

You may return your undamaged product and packaging within 30 days of purchase to receive a FULL REFUND for any reason.



12-Month Warranty

We will take care of all quality-related issues, **Easy Exchange** with a REPLACEMENT including any return shipping costs.



Technical Support

Received the wrong item? Looking for Charger for your device? Adapter tip doesn't fit your device? We can help, just let us know.

Image 5.2: Overview of the superior safety features integrated into the T-Power adapter design.

6. MAINTENANCE

Proper maintenance ensures the longevity and safe operation of your T-Power adapter.

- **Cleaning:** Wipe the adapter with a dry, soft cloth. Do not use liquid cleaners or solvents.
- **Storage:** Store the adapter in a cool, dry place away from direct sunlight and moisture when not in use.
- **Cable Care:** Avoid sharp bends or kinks in the cable. Do not pull the cable to disconnect the adapter; always grasp the plug.
- **Fuse Replacement:** If the adapter stops working and the red indicator light does not illuminate, the internal fuse may need replacement.
 - a. Unscrew the tip of the car cigarette lighter plug.
 - b. Carefully remove the old fuse.
 - c. Replace with a new F5AL250V fuse (5 Amp, 250 Volt).
 - d. Screw the tip back on securely.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Adapter not powering device / No red indicator light	<ul style="list-style-type: none"> • Vehicle's 12V DC outlet is not active. • Blown fuse in the adapter. • Poor connection. • Incompatible device. 	<ul style="list-style-type: none"> • Ensure vehicle ignition is on or outlet is powered. • Check and replace the fuse (refer to Maintenance section). • Ensure the adapter is firmly seated in both the device and the vehicle outlet. • Verify your device model against the compatibility list.
Device not charging or charging slowly	<ul style="list-style-type: none"> • Device issue. • Adapter not providing full power. 	<ul style="list-style-type: none"> • Test the device with its original power source if possible. • Ensure the adapter is fully inserted and the vehicle's power is stable.
Adapter feels hot	<ul style="list-style-type: none"> • Normal operation (slight warmth). • Overload or internal issue (excessive heat). 	<ul style="list-style-type: none"> • If excessively hot, disconnect immediately. • Ensure the device is compatible and not drawing too much power. • Contact support if overheating persists.

8. SPECIFICATIONS

Model Number	TP-eQ6-ORA
Input Voltage Range	12V - 24V DC (Vehicle Power)
Output Voltage	12V DC
Output Current	2 Amps
Wattage	24 Watts
Connector Type	Barrel Connector (device end), Car Cigarette Lighter Plug (vehicle end)
Cable Length	6.6 feet (approximately 2 meters)
Safety Certifications	CE, RoHS
Material	Plastic
Weight	0.07 Kilograms

9. WARRANTY AND SUPPORT

Warranty Information

This T-Power adapter comes with a 1-year limited warranty. This warranty covers manufacturing defects and ensures the product meets its specified performance standards under normal use.

Technical Support

For technical assistance, troubleshooting, or warranty claims, please contact T-Power USA directly. Ensure you have your product model number (TP-eQ6-ORA) and purchase details available when contacting support.

If you are unsure about compatibility or have received an incorrect part, it is recommended to contact the seller for assistance.

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