



Manuals.plus /

› KFD /

› KFD Car Charger 12V-24V DC Adapter Instruction Manual for Goal Zero Yeti and Sherpa Portable Power Stations

## KFD KFD DC Car Charger

# KFD Car Charger 12V-24V DC Adapter Instruction Manual

Model: KFD DC Car Charger

## 1. PRODUCT OVERVIEW

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The KFD 12V-24V DC Car Charger is designed to provide a reliable power source for charging compatible Goal Zero Yeti and Sherpa portable power stations directly from your vehicle's 12V or 24V DC outlet. This adapter ensures efficient charging with built-in safety features.

### 1.1 Compatibility

This charger is compatible with the following Goal Zero portable power stations:

- **Goal Zero Yeti:** 150, 200X, 400, 400 Lithium, 500X, 1000, 1250, 1400, 1500X, 3000, 3000X, 6000X
- **Goal Zero Sherpa:** 50, 100, 100AC

# Charger for Goal Zero Yeti Lithium 400 1000 1400 3000



Image 1.1: KFD Car Charger in use, charging a Goal Zero Yeti power station from a vehicle's DC outlet.

# COMPATIBLE MODELS



Goal Zero Yeti 150



Goal Zero Yeti 200X



Goal Zero Yeti 400



Goal Zero Yeti 500X



Goal Zero Yeti 1000X



Goal Zero Yeti 1500X



Image 1.2: Visual representation of compatible Goal Zero Yeti models.

## 2. SETUP AND INSTALLATION

Follow these steps to properly set up and install your KFD Car Charger:

1. **Locate Vehicle DC Outlet:** Identify the 12V or 24V DC cigarette lighter socket in your vehicle. Ensure the vehicle's engine is running or the accessory power is active, as required by your vehicle model.
2. **Connect Charger to Vehicle:** Insert the car charger plug firmly into your vehicle's DC outlet.
3. **Connect Charger to Power Station:** Connect the DC output plug of the KFD Car Charger to the appropriate 8mm input port on your Goal Zero Yeti or Sherpa portable power station. Refer to your power station's manual for the exact input port location.
4. **Verify Connection:** Once connected, your power station should indicate that it is receiving a charge.

# 12-24VDC

Universal suitable for all cars, such as trucks, buses, SUVs, RVs and devices with cigarette lighters, etc.



Image 2.1: The KFD Car Charger is compatible with 12V-24V DC outlets found in various vehicles.



Image 2.2: Proper insertion of the car charger into a vehicle's DC outlet.

### 3. OPERATING INSTRUCTIONS

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The KFD Car Charger operates automatically once connected. It converts your vehicle's 12V-24V DC power to the appropriate voltage for your Goal Zero power station.

- **Charging Indication:** The Goal Zero power station will display its charging status, typically through an indicator light or screen, once the charger is properly connected and power is supplied.
- **Optimal Performance:** For optimal charging, ensure your vehicle's engine is running. Charging efficiency may vary based on vehicle electrical system and power station model.
- **Safety Features:** The charger includes an intelligent chip with multi-protections against over-current, over-circuit, and overheating to ensure safe operation. It also features a protective 15A user-replaceable fuse.

### 4. MAINTENANCE

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To ensure the longevity and proper functioning of your KFD Car Charger, follow these maintenance guidelines:

- **Cleaning:** Disconnect the charger from all power sources before cleaning. Use a dry, soft cloth to wipe the exterior. Avoid using liquid cleaners or solvents.

- **Storage:** Store the charger in a cool, dry place away from direct sunlight and extreme temperatures when not in use. Avoid bending the cable sharply.
- **Fuse Replacement:** The car charger plug contains a 15A user-replaceable fuse (F15AL 6x30mm). If the charger stops working, check the fuse. To replace, carefully unscrew the tip of the car charger plug, remove the old fuse, and insert a new one of the same rating.



Image 4.1: Internal components of the car charger, showing the user-replaceable 15A fuse.

## 5. TROUBLESHOOTING

If you encounter issues with your KFD Car Charger, refer to the following common problems and solutions:

- **Charger Not Working / Power Station Not Charging:**
  - Ensure both ends of the charger are securely connected to the vehicle's DC outlet and the power station's input port.
  - Verify that your vehicle's DC outlet is active (e.g., vehicle engine running or accessory power on).
  - Check the 15A fuse inside the car charger plug. Replace if blown (refer to Section 4: Maintenance).
  - Confirm that your power station is compatible with the charger (refer to Section 1.1: Compatibility).

- **Slow Charging:**

- Ensure the vehicle's engine is running to provide consistent power.
- Check for any other devices drawing significant power from the vehicle's electrical system.
- Verify the power station's input specifications and ensure they align with the charger's output.

## 6. SPECIFICATIONS

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Key technical specifications for the KFD DC Car Charger:

Feature	Specification
Brand	KFD
Input Voltage	12V-24V DC (9V-32V Max)
Output Voltage	16 Volts DC
Wattage	120 Watts (compatible with 90W, 80W, 60W power supplies)
Output Current	7.5 Amps
Material	Polycarbonate
Fuse	15A User-Replaceable (F15AL 6x30mm)

# Compact and Environment-friendly Design

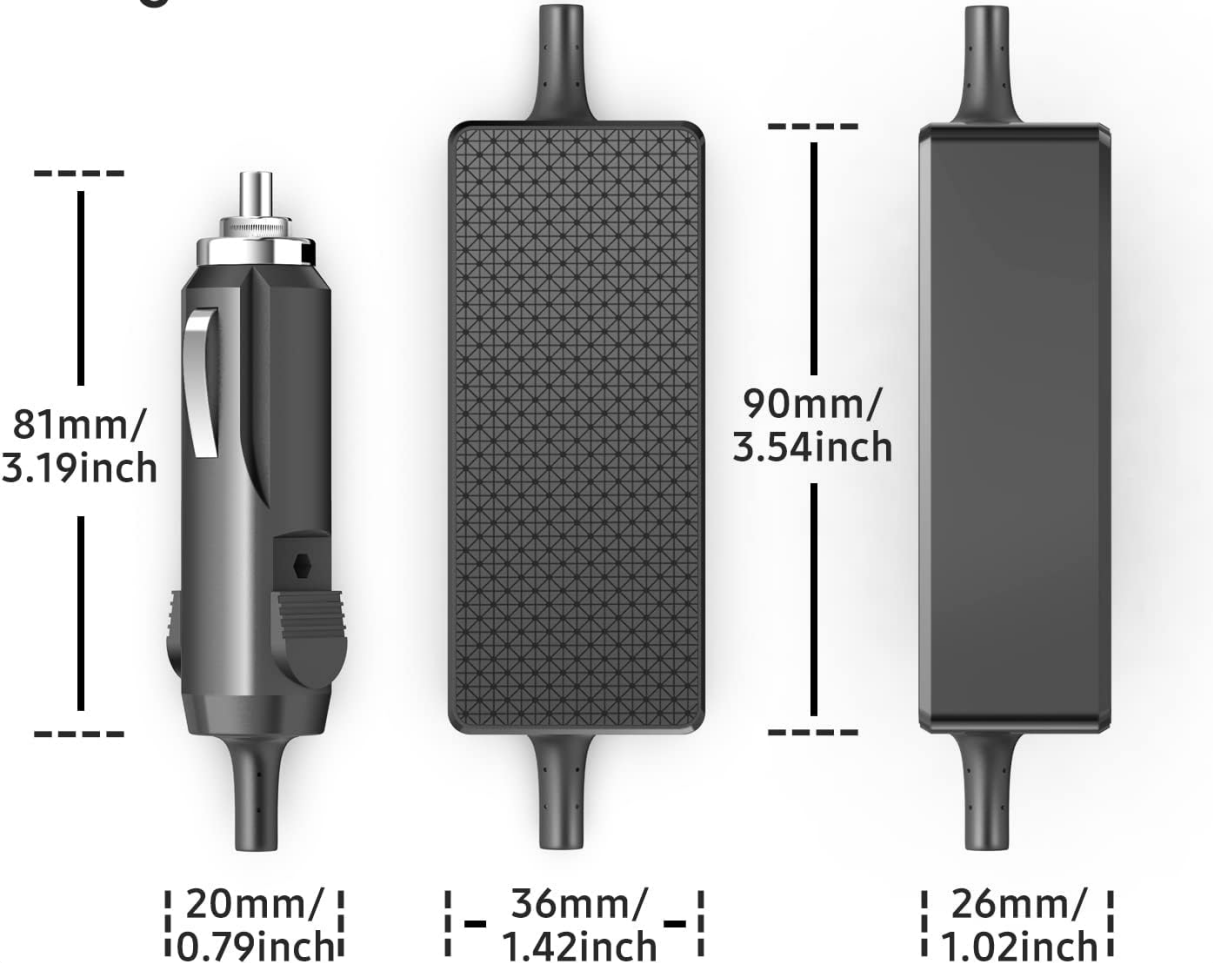


Image 6.1: Physical dimensions of the KFD Car Charger components.



Image 6.2: Overview of the KFD Car Charger unit.

## 7. WARRANTY AND SUPPORT

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KFD stands behind the quality of its products.

- **Warranty:** This product comes with a 5-year warranty.
- **Returns:** A 30-day free exchange policy is available for this product.
- **Customer Support:** For any questions, technical assistance, or warranty claims, please contact KFD customer support through the retailer's platform where the product was purchased.