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> ACOPOWER LiONCooler Pro PX50 Car Freezer User Manual

ACOPOWER PX50

ACOPOWER LiONCooler Pro PX50 Car Freezer

INSTRUCTION MANUAL

1. Product Overview

The ACOPOWER LiONCooler Pro PX50 is a versatile 52-quart (50L) portable car freezer designed for various outdoor activities and mobile refrigeration needs. It functions as both a cooler and a freezer, offering a wide temperature range and multiple power options for convenience and reliability.



Figure 1: ACOPOWER LiONCooler Pro PX50 Car Freezer. This image shows the main product unit with its sleek design, integrated battery, and digital control panel.

2. Key Features

- **Dual Functionality:** Operates as both a refrigerator and a freezer with a temperature range from -4°F to

68°F (-20°C to 20°C).

- **Portable Power:** Equipped with a removable 193Wh lithium battery, providing up to 10 hours of cooling at 32°F (0°C).
- **Multiple Charging Options:** Supports charging via solar panel, 12V car port, and AC wall outlet.
- **Smart Control:** Features a digital smart control panel and can be remotely managed via a free Bluetooth app.
- **Enhanced Portability:** Includes stretchable handles, 6-inch off-road wheels, and a non-slip base for easy transport.
- **Quiet Operation:** Runs at a low noise level of 40 dB.
- **Convenient Add-ons:** Integrated bottle opener and accessory pouches for storage.



Figure 2: The integrated bottle opener provides convenience for outdoor use.



Figure 3: Large 6-inch off-road wheels ensure easy transport across various terrains.

3. What's in the Box

Your ACOPOWER LiONCooler Pro PX50 package includes:

- PX50 Refrigerator Unit
- Removable Lithium Battery (193Wh)
- AC Adapter
- Car Charge Cable (12V)
- Solar Charge Cable
- User Manual

4. Setup

1. **Unboxing:** Carefully remove the PX50 Car Freezer and all accessories from its packaging.
2. **Battery Installation:** Locate the battery compartment on the side of the unit. Insert the provided 193Wh lithium battery until it clicks securely into place.
3. **Initial Charging:** For first-time use, fully charge the battery using the AC adapter by plugging it into a standard wall outlet. Alternatively, use the 12V car charge cable or a compatible solar panel.
4. **App Connection:** Download the ACOPOWER app from your smartphone's app store. Turn on the PX50 unit and enable Bluetooth on your phone. Follow the in-app instructions to pair your device for remote control and monitoring.



Figure 4: The removable lithium battery easily slides into its dedicated compartment.



Figure 5: The ACOPOWER app allows for convenient remote control and monitoring of the unit.

5. Operating Instructions

1. **Power On/Off:** Press and hold the power button on the digital control panel or use the app to turn the unit on or off.
2. **Setting Temperature:** Use the '+' and '-' buttons on the control panel or the app to adjust the desired temperature. The unit can function as a refrigerator or freezer.
3. **Mode Selection:** Press the 'Settings' button on the control panel or select via the app to switch between MAX (fast cooling) and ECO (energy-saving) modes.
4. **Child Lock:** Activate the child lock feature via the app to prevent accidental changes to settings.
5. **Internal Storage:** Utilize the removable basket for organized storage of items.

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Video 1: This video provides an overview of the LiONCooler Pro's features, including its battery and solar power capabilities, and demonstrates its use as a portable freezer.

6. Maintenance

- **Cleaning:** Regularly clean the interior and exterior of the unit with a damp cloth and mild detergent. Ensure the drainage plug at the bottom is open to remove any accumulated water.
- **Battery Care:** To prolong battery life, avoid continuously leaving the battery plugged in when not in use, especially if the unit is primarily used with AC power. Overcharging can degrade battery performance over time.
- **Storage:** When storing the unit for extended periods, ensure the battery is fully charged and then removed. Store the unit in a dry, cool place.

7. Troubleshooting

If you encounter any issues with your PX50 Car Freezer, please refer to the detailed troubleshooting section in the full User Manual. Common issues may include:

- Unit not powering on.
- Inadequate cooling or freezing.
- Error codes displayed on the panel.
- App connectivity problems.

For further assistance, contact ACOPOWER customer support.

8. Specifications

Feature	Specification
Model Name	PX50
Product Dimensions	25"D x 16"W x 23"H
Capacity	52 Quarts / 50 Liters
Item Weight	34 Pounds

Voltage	12 Volts
Cooling Method	Compressor
Defrost System	Automatic
Temperature Range	-4°F to 68°F (-20°C to 20°C)
Battery Capacity	193Wh Removable Lithium Battery

9. Warranty & Support

The ACOPOWER LiONCooler Pro PX50 comes with a **1-year manufacturer's warranty**. For any warranty claims, technical support, or product inquiries, please contact ACOPOWER customer service. As a US-based company, ACOPOWER offers local support to ensure customer satisfaction.

For more detailed information, please refer to the complete User Manual included in your package or visit the official ACOPOWER website.