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## Antigravity Batteries XP-15

# Antigravity XP-15 Micro-Start Lithium Jump-Starter with Air Compressor Instruction Manual

Brand: Antigravity Batteries | Model: XP-15

## 1. PRODUCT OVERVIEW

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The Antigravity XP-15 Micro-Start is a versatile portable power unit designed for jump-starting vehicles, inflating tires, and charging electronic devices. It integrates multiple functionalities into a compact design for roadside emergencies and outdoor use.



Figure 1: Antigravity XP-15 Micro-Start unit with smart jumper cables, USB cables, inflator tube, and tips.

## 2. SETUP AND CHARGING

### 2.1 Initial Charging

Before first use, fully charge the XP-15 unit. Use the provided USB-C to C cable and a compatible PD60W charger for optimal charging speed. A full recharge typically takes approximately 1.5 hours.

- Connect the USB-C cable to the USB-C PD 60W port on the XP-15.
- Connect the other end of the USB-C cable to a suitable power adapter.
- The digital display will show the input capacity level during charging.
- Ensure the unit is fully charged before storing or using for the first time.

### 2.2 Checking Battery Status

The LCD display indicates the internal battery status. Always ensure the unit has sufficient charge (above 50% recommended) before attempting a jump-start or using the air compressor for extended periods.

## 3. OPERATING INSTRUCTIONS

### 3.1 Jump Starting a Vehicle

The XP-15 can jump-start vehicles with up to 8L gas and 5L diesel engines, including cars, trucks, motorcycles, ATVs/UTVs, boats, and snowmobiles.

1. Ensure the XP-15 has at least 50% charge.
2. Connect the smart jumper cables to the XP-15's jumpstart port.
3. Attach the red (positive) clamp to the positive (+) terminal of the vehicle battery.
4. Attach the black (negative) clamp to the negative (-) terminal of the vehicle battery.
5. The digital display on the XP-15 will confirm correct connection and show the vehicle battery voltage. Look for the "START" icon.
6. Once the "START" icon is displayed, start your vehicle.
7. If the vehicle battery is severely depleted, the XP-15 features a "Forced Start" mode. Refer to the manual for specific instructions on activating this mode.
8. After the vehicle starts, immediately disconnect the jumper cables from the XP-15 and then from the vehicle battery (negative first, then positive).

# IN USE

## JUMP-START, INFLATE OR CHARGE!



**THE PERFECT ROADSIDE EMERGENCY TOOL.**

Figure 2: The XP-15 is suitable for jump-starting a wide range of 12V vehicles.

### 3.2 Using the Tire Inflator

The built-in 150PSI air compressor can inflate tires and other inflatables. It features a digital display for real-time pressure monitoring and automatic shut-off.

1. Screw the inflator tube securely into the inflator port on the XP-15.
2. Attach the other end of the inflator tube to the tire valve.
3. The digital display will show the current tire pressure.
4. Use the '+' and '-' buttons to set the desired pressure (PSI, BAR, Kpa, or Kg/cm<sup>2</sup>).
5. Press the 'Start' button to begin inflation. The compressor will automatically stop once the preset pressure is reached.
6. Disconnect the inflator tube from the tire valve and the XP-15.

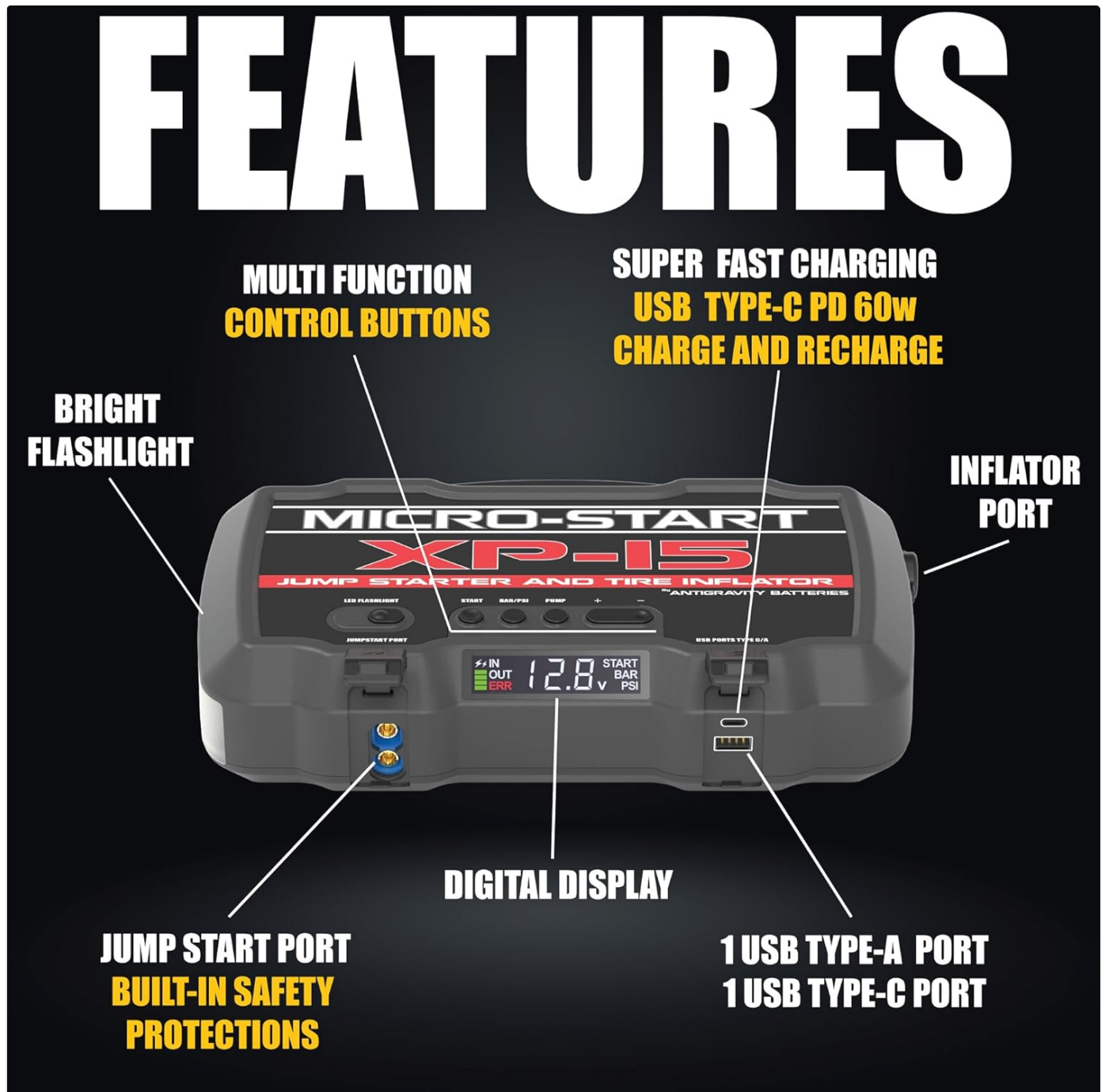


Figure 3: Key features of the XP-15, highlighting the inflator port and digital display.

### 3.3 Power Bank Functionality

The XP-15 can charge various USB-powered electronic devices.

- Connect your device's charging cable to either the USB-A or USB-C output port on the XP-15.
- The USB-C port supports Power Delivery (PD60W) for ultra-fast charging of compatible devices like laptops, tablets, and phones.
- The LCD display shows the output capacity level during charging.

### 3.4 LED Flashlight

The built-in LED flashlight offers multiple modes for convenience and emergencies.

- Press the flashlight button once for constant illumination.
- Press again to cycle through Strobe mode.
- Press a third time for SOS mode.
- Press a fourth time to turn off the flashlight.

## 4. MAINTENANCE

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To ensure the longevity and optimal performance of your Antigravity XP-15, follow these maintenance guidelines:

- **Charging:** Recharge the unit after each use. If stored for extended periods, recharge every 3-6 months to maintain battery health.
- **Storage:** Store the unit in a cool, dry place away from direct sunlight and extreme temperatures.
- **Cleaning:** Use a soft, dry cloth to clean the exterior. Avoid using harsh chemicals or abrasive materials.
- **Port Covers:** Always ensure all port covers are securely closed when not in use to protect against dust and moisture.

## 5. TROUBLESHOOTING

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The XP-15's digital display provides feedback on its status and potential issues. Refer to the full user manual for a complete list of error codes and their solutions.

- **No "START" Icon:** Ensure clamps are correctly connected to the battery terminals (red to positive, black to negative). Check if the vehicle battery voltage is too low for a standard jump-start, and consider using the "Forced Start" mode if applicable.
- **Error Code Displayed:** Consult the user manual for the specific meaning of any displayed error codes and recommended troubleshooting steps.
- **Unit Not Charging:** Verify that the USB-C cable and power adapter are functioning correctly and properly connected.
- **Air Compressor Not Inflating:** Check that the inflator tube is securely attached to both the XP-15 and the tire valve. Ensure the desired pressure is set and the compressor is activated.

## 6. SPECIFICATIONS

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Feature	Specification
Model	XP-15
Peak Current	2000 Amps
Engine Compatibility	Up to 8L Gas & 5L Diesel

Battery Capacity	55.5 wH
Air Compressor	150 PSI High Flow
Charging Ports	USB-C (PD 60W In/Out), USB-A Output
Recharge Time	Approx. 1.5 Hours (with PD60W)
Dimensions	2.25"D x 6.25"W x 10.13"H
Item Weight	5.6 Pounds
Special Features	LED Flashlight (Flashlight, Strobe, SOS), Digital Display, Voltmeter, Auto Shut-off Inflator, Multiple Safety Protections

## 7. WARRANTY AND SUPPORT

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The Antigravity XP-15 comes with an 18-month warranty from the date of purchase. For any technical assistance or support, please contact Antigravity Batteries customer service. Lifetime professional technical support is available.

## 8. OFFICIAL PRODUCT VIDEO

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Video 1: Official Antigravity Batteries XP-15 Product Overview. This video provides a concise overview of the XP-15's features and capabilities.