

Andeman Epower-155 Pro

Andeman Car Jump Starter 3000A Peak 20000mAh (Model Epower-155 Pro) Instruction Manual

INTRODUCTION

The Andeman Car Jump Starter (Model Epower-155 Pro) is a versatile and powerful device designed to provide reliable starting power for your vehicle and serve as a portable power bank. With a 3000A peak current and 20000mAh capacity, it can jumpstart 12V vehicles with up to 9L gas engines or 7L diesel engines. This device incorporates multiple safety features and offers convenient charging options for electronic devices.

Key features include:

- **High Capacity:** 3000A peak current and 20000mAh battery for multiple jump starts.
- **Broad Compatibility:** Suitable for 12V vehicles, including cars, trucks, RVs, and more.
- **Advanced Safety:** UL Certified with 10 safety protections including overload, spark, reverse polarity, and over-temperature protection.
- **Fast Charging:** Type-C 3.0A bi-directional fast charging, fully charging the unit in 1.8 hours.
- **Power Bank Functionality:** Dual USB-A ports (5V/9V/12V and 5V/2.1A) to charge phones, tablets, and laptops.
- **Integrated LED Flashlight:** Three lighting modes (flashlight, SOS, strobe) for emergencies.
- **Durable Design:** IP65 waterproof rating, drop-proof, and sand-proof for extreme conditions (-20°C to 60°C).

WHAT'S IN THE BOX

The Andeman Car Jump Starter package includes the following items:

- Andeman Epower-155 Pro Jump Starter x1
- Smart Clamps x1
- Type-C Charging Cable x1
- User Manual x1
- Storage Box x1



Image: Contents of the Andeman Car Jump Starter package, including the main unit, smart clamps, Type-C cable, user manual, and storage case.

PRODUCT FEATURES AND COMPONENTS

Familiarize yourself with the various parts and functions of your Andeman Car Jump Starter.

- **Main Unit (Epower-155 Pro):** Portable power source with integrated display and controls.
- **Smart Clamps:** Connect to the vehicle battery for jump starting, featuring safety indicators.
- **Type-C Input/Output Port:** For charging the jump starter and powering compatible devices.
- **USB-A Output Ports:** For charging various electronic devices.
- **LED Flashlight:** Multi-mode light for illumination and emergency signaling.
- **Jump Start Port:** Dedicated port for connecting the smart clamps.
- **Power Button:** Activates the unit and controls the flashlight modes.



Image: The Andeman Car Jump Starter unit, showcasing its compact design and included smart clamps and charging cable.

SETUP AND CHARGING

Before first use, fully charge the jump starter. Ensure the unit is charged above 50% before attempting to jumpstart a vehicle.

- Connect the provided Type-C charging cable to the jump starter's Type-C port.
- Connect the other end of the cable to a compatible USB wall adapter (not included) or car charger.
- The LED display will show the charging progress. A full charge from 0% to 100% takes approximately 1.8 hours.



Image: The jump starter connected to a power source via its Type-C port for fast charging.

OPERATING INSTRUCTIONS

Jump Starting a Vehicle

Follow these steps to safely jumpstart your 12V vehicle:

1. Ensure the jump starter is charged above 50%.
2. Insert the blue plug of the smart clamps into the jump start port on the unit.
3. Connect the red clamp to the positive (+) terminal of the vehicle battery.
4. Connect the black clamp to the negative (-) terminal of the vehicle battery.
5. Observe the indicator light on the smart clamps. A solid green light indicates it's safe to start. If it flashes red/green or shows red, refer to the troubleshooting section.
6. Start your vehicle's engine.
7. Once the engine starts, remove the smart clamps from the vehicle battery within 30 seconds.
8. Remove the smart clamps from the jump starter unit.



Image: Step-by-step guide illustrating the process of connecting the jump starter to a car battery and starting the engine.

Official Product Videos: Jump Starting

Video: A short demonstration of the Andaman 3000A Car Jump Starter in action, highlighting its quick start capabilities.

Video: An overview of the Audewdirect 2000A 20000mAh Car Jumpstarter, demonstrating its features and ease of use.

Power Bank Functionality

The jump starter doubles as a high-capacity 20000mAh power bank for your electronic devices.

- Press the power button once to activate the unit and view the battery percentage.

- Connect your device's charging cable to one of the USB-A output ports (Output 1: 5V/9V/12V; Output 2: 5V/2.1A).
- The unit will automatically begin charging your device.



Image: The jump starter functioning as a 20000mAh power bank, charging various electronic devices like phones, tablets, and smartwatches.

LED Flashlight Operation

The integrated LED flashlight offers multiple modes for different situations:

1. Press and hold the power button for 3 seconds to turn on the flashlight (continuous light mode).
2. Press the power button again for SOS mode (slow flash).
3. Press the power button a third time for strobe mode (fast flash).
4. Press the power button a fourth time to turn off the flashlight.

200 LUMENS LED FLASHLIGHT



Image: The Andeman Car Jump Starter with its bright LED flashlight active, useful for various scenarios.

SAFETY PRECAUTIONS

The Andeman Car Jump Starter is UL Certified and equipped with 10 advanced safety protections to ensure safe operation:

- Overload Protection
- Spark Protection
- Reverse Charge Protection
- Reverse Polarity Protection
- Over Current Protection
- Low Temperature Protection
- Over Charge Protection
- Short Circuit Protection
- Over Voltage Protection
- High Temperature Protection

The device is engineered to withstand extreme temperatures from -20°C (-4°F) to 60°C (140°F) and has an IP65 waterproof rating, making it resistant to rain, drops, and sand.



Image: Visual representation of the 10 safety protection features integrated into the jump starter.



Image: The jump starter demonstrating its ability to withstand extreme temperatures, from -4°F to 140°F.

MAINTENANCE

To ensure optimal performance and longevity of your Andeman Car Jump Starter:

- Recharge the unit every 6 to 12 months, even if not in use, to maintain battery health.
- Store the unit in its protective case in a cool, dry place away from direct sunlight and extreme temperatures.
- Keep the ports covered when not in use to prevent dust and moisture ingress.

TROUBLESHOOTING

If you encounter issues with your jump starter, consider the following:

- **Unit not turning on:** Ensure the power button is pressed and held for a few seconds. Check battery charge level.
- **Smart Clamp Indicator:** If the indicator light on the smart clamps is not solid green, check connections to the battery terminals. Red/green flashing or solid red indicates a connection issue or a deeply discharged battery.
- **Vehicle not starting:** Ensure the jump starter has sufficient charge (above 50%). If the vehicle battery is extremely low, the smart clamps may require pressing a 'boost' button (if available on your clamp model) to initiate a jump.
- **Charging issues:** Ensure the Type-C cable and adapter are functioning correctly. Try a different

cable or power source.

For persistent issues, please contact Andeman customer support.

SPECIFICATIONS



Specification	Value
Brand	Andeman
Model	Epower-155 Pro
Peak Current	3000 Amps
Battery Capacity	20000mAh
Engine Compatibility	Up to 9L Gas / 7L Diesel
Charging Ports	Type-C (Input/Output), USB-A (Output)
Waterproof Rating	IP65
Operating Temperature	-20°C to 60°C (-4°F to 140°F)
Item Weight	2.3 Pounds
Product Dimensions	3.93"D x 4.33"W x 8.46"H





WARRANTY AND SUPPORT

The Andeman Car Jump Starter is UL Certified, ensuring it meets stringent safety standards. It is designed for long-term reliability with a 24-month standby capability.

For warranty claims, technical support, or any inquiries, please refer to the contact information provided in your user manual or visit the official Andeman website.

Related Documents - Epower-155 Pro

	<p>Andeman Epower-155 Pro Multi-Function Jump Starter User Manual</p> <p>User manual for the Andeman Epower-155 Pro, a powerful 3000A multi-function jump starter and power bank. Find detailed instructions on jump-starting vehicles, charging the device, using the LED light, specifications, safety precautions, and troubleshooting tips.</p>
	<p>Andeman Epower-166 Multi-Function Jump Starter User Manual</p> <p>User manual for the Andeman Epower-166 multi-function jump starter, detailing its features, usage, charging, troubleshooting, and safety instructions for 12V vehicles. Includes product overview, package contents, specifications, and FCC statement.</p>

	<p>Andeman Epower-B05 Multi-Function Jump Starter and Air Compressor User Manual</p> <p>Comprehensive user manual for the Andeman Epower-B05, a multi-function jump starter, air compressor, and power bank. Includes operating instructions, features, specifications, troubleshooting, and safety precautions.</p>
	<p>Andeman Epower-177 Multi-Function Jump Starter User Manual</p> <p>Comprehensive user manual for the Andeman Epower-177 multi-function jump starter, covering product overview, specifications, usage instructions, safety guidelines, and troubleshooting.</p>
	<p>BM550 Battery Tester User Manual and Specifications</p> <p>Comprehensive guide for the Andeman BM550 Battery Tester, detailing its features, usage instructions for 6V, 12V, and 24V batteries, test result interpretation, and technical specifications. Covers SOH, SOC, voltage, and internal resistance testing for automotive batteries.</p>
	<p>Andeman JS-301A Smoke Leak Detector User Manual</p> <p>Comprehensive user manual for the Andeman JS-301A Automotive Smoke Leak Detector, covering product introduction, working theory, preparation, functions, maintenance, safety instructions, and operation.</p>