

Povasee A30

Povasee 3000A Peak Jump Starter Pack User Manual

Model: A30 | Brand: Povasee

Your reliable companion for vehicle emergencies and portable power needs.

1. INTRODUCTION

The Povasee 3000A Peak Jump Starter Pack (Model A30) is a versatile and essential tool designed for automotive emergencies and portable power requirements. This compact device delivers a powerful 3000A peak current, capable of jump-starting vehicles with up to 10L gas or 8L diesel engines. Beyond its primary function, it serves as a 74Wh power bank with dual USB outputs for charging your electronic devices and features a built-in 400 lumen LED light with multiple modes for illumination and signaling.

Equipped with 10 intelligent safety protection systems, the A30 ensures safe and stable operation across a wide range of temperatures, from -22°F to 140°F. Its portable design, weighing only 2.2 pounds, makes it easy to store in your vehicle or carry on the go.



Image: The Povasee 3000A Peak Jump Starter and its smart jumper cables.

2. WHAT'S IN THE BOX

Upon opening your Povasee Jump Starter Pack, you will find the following components:

- Povasee A30 Portable Battery Jump Starter
- Smart Jumper Cables
- 1x USB to Type-C Cable (Adapter not included)
- Storage Box (Carrying Case)
- User Manual

SPECIFICATIONS

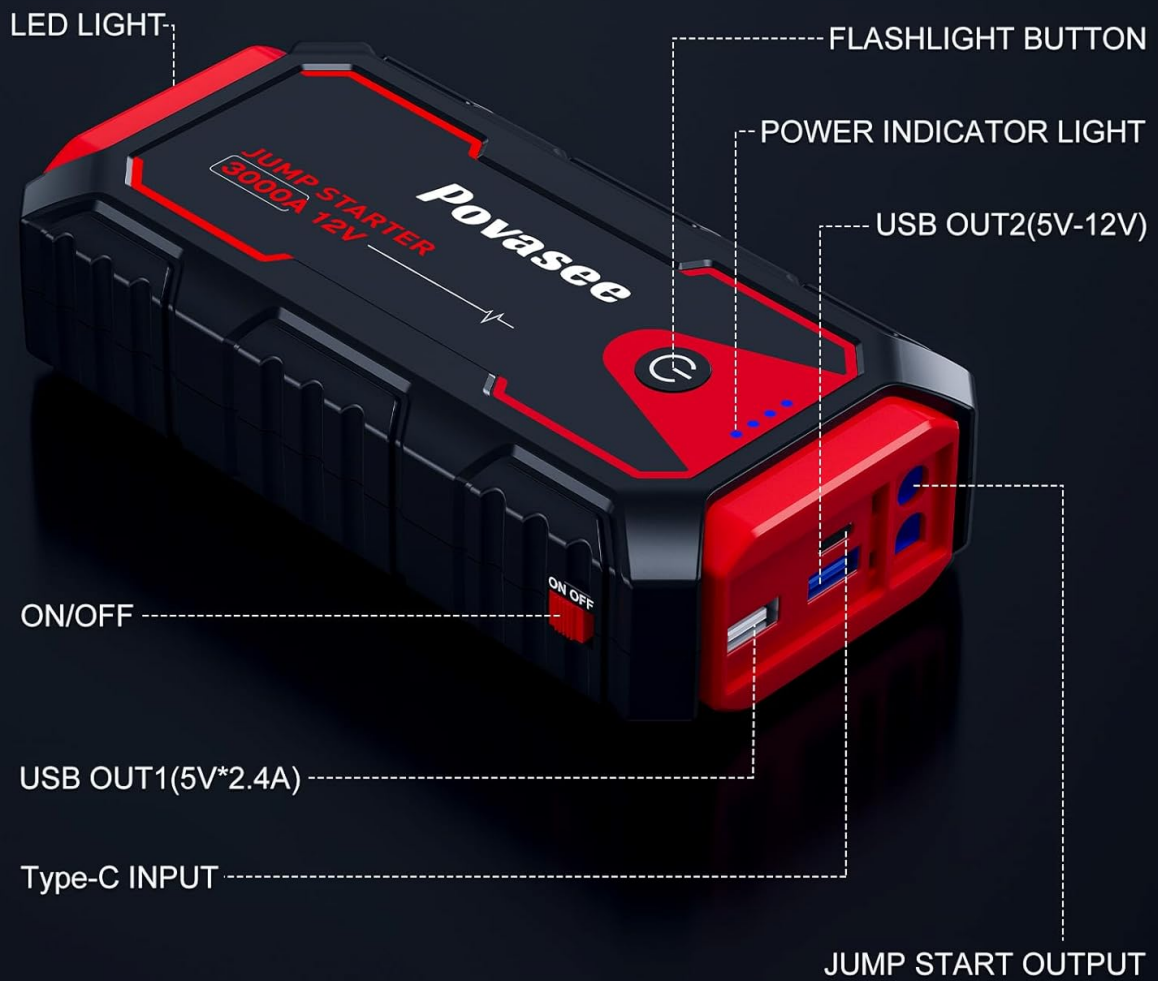


Image: All components included in the Povasee Jump Starter Pack.



Image: Visual representation of the packing list for the Povasee Jump Starter.

3. PRODUCT OVERVIEW AND FEATURES

3.1 Unit Components

WHAT'S YOU GET

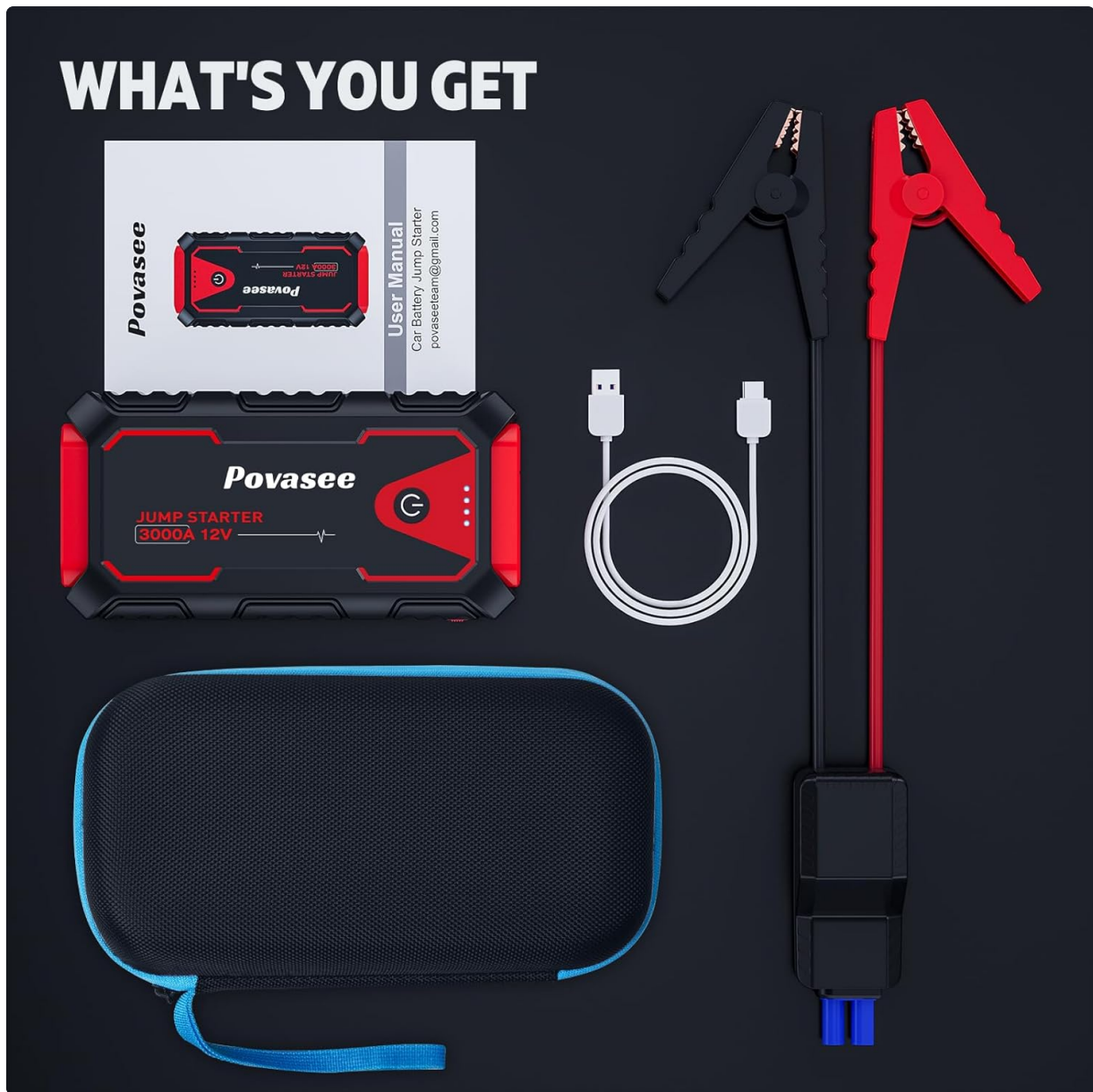


Image: Detailed view of the Povasee Jump Starter's ports and indicators.

- **LED Light:** Integrated flashlight.
- **Flashlight Button:** Controls LED light modes.
- **Power Indicator Light:** Shows battery charge level.
- **USB OUT1 (5V/2.4A):** Standard USB output for charging.
- **USB OUT2 (5V-12V / QC3.0):** Quick Charge 3.0 output for faster charging.
- **Type-C INPUT:** For charging the jump starter unit.
- **ON/OFF Switch:** Main power switch for the unit.
- **Jump Start Output:** Port for connecting smart jumper cables.

3.2 Power Bank Functionality

The A30 jump starter doubles as a 74Wh power bank, equipped with two USB output ports (5V/2.4A and QC3.0 5-12V). This allows you to charge smartphones, tablets, cameras, and other USB-powered devices simultaneously. The QC3.0 port offers up to 75% faster charging than standard chargers.

74WH FOR ALL USB CHARGING DEVICES

for charging 2 devices at the same time



Image: The Povasee Jump Starter functioning as a power bank for multiple devices.

3.3 Integrated LED Light

A powerful 400 lumen LED light is built into the unit, offering three distinct modes for various situations:

- **Flashlight Mode:** Provides steady illumination for general use.
- **Strobe Mode:** Emits flashing light for emergency signaling.
- **SOS Mode:** Flashes the international Morse code signal for distress.

PORTABLE CAR JUMP STARTER WITH LED FLASHLIGHT

The first choice for outdoor activities and travel



Image: The versatile LED flashlight with multiple modes for emergency and utility.

3.4 Intelligent Safety Protection

The Povasee A30 incorporates 10 intelligent protection systems to ensure user safety and product longevity:

- Reverse Polarity Protection
- Reverse Charge Protection
- Over Discharge Protection
- Reverse Connection Protection
- Short Circuit Protection
- Over Charge Protection
- Over Current Protection
- Over Heat Protection
- Spark Resistance
- Extreme Temperature Operation (-22°F to 140°F)

Safety is the NO.1 feature you should look for



Image: Comprehensive safety features for secure operation.

3.5 Compact and Portable Design

Weighing only 2.2 pounds and measuring 6.61 x 3.37 x 1.7 inches, the A30 is designed for ultimate portability. Its compact size allows for easy storage in your bag, glove compartment, or trunk without occupying significant space. The included protective carrying case further enhances its durability and convenience.



Image: Compact dimensions of the Povasee Jump Starter for easy storage.

4. SETUP

4.1 Charging the Jump Starter

Before first use, fully charge the Povasee A30. Connect the provided USB-A to Type-C cable to the Type-C INPUT port on the jump starter and plug the USB-A end into a compatible USB wall adapter (not included) or a powered USB port. The power indicator lights will illuminate to show the charging progress. Ensure all four lights are solid blue, indicating a full charge, before use.

Note: For optimal performance and battery longevity, it is recommended to fully charge the unit every 3-6 months, even when not in use.

4.2 Preparing for Jump Start

Ensure your vehicle's ignition is off and all accessories (lights, radio, etc.) are turned off. Locate your vehicle's battery and identify the positive (+) and negative (-) terminals. Ensure the battery terminals are clean and free of corrosion for a good connection.

5. OPERATING INSTRUCTIONS (JUMP STARTING)

Follow these steps to safely jump-start your vehicle:

1. **Connect Smart Jumper Cables:** Insert the blue plug of the smart jumper cables firmly into the Jump Start Output port on the Povasee A30 unit.
2. **Attach to Vehicle Battery:**
 - Connect the **red (+) clamp** of the smart jumper cables to the **positive (+) terminal** of your vehicle's battery.
 - Connect the **black (-) clamp** of the smart jumper cables to the **negative (-) terminal** of your

vehicle's battery.

Note: The smart clamp has no output until correctly connected to the car battery, ensuring safety.

3. **Check Indicator Light:** Once connected correctly, the indicator light on the smart jumper cable adapter will turn solid green, indicating it's ready to jump start. If it flashes red/green, recheck your connections.
4. **Start the Vehicle:** Return to your vehicle and start the engine.
5. **Disconnect Cables:** Once the engine starts, immediately disconnect the smart jumper cables from the vehicle battery terminals, then disconnect the blue plug from the jump starter unit.

For extremely low battery voltage (below 9V), press the "RST" button on the jump starter unit to initiate a forced start mode.



Image: Visual guide for jump-starting your vehicle.

6. MAINTENANCE

To ensure the longevity and optimal performance of your Povasee Jump Starter, follow these maintenance guidelines:

- **Regular Charging:** Recharge the unit every 3-6 months to maintain battery health, even if it hasn't been used.
- **Storage:** Store the jump starter in its protective carrying case in a cool, dry place, away from direct sunlight and extreme temperatures. The unit can operate in temperatures from -22°F to 140°F, but prolonged storage outside this range may affect battery life.
- **Cleaning:** Use a soft, dry cloth to clean the unit. Do not use harsh chemicals or abrasive materials.
- **Cable Inspection:** Periodically inspect the smart jumper cables for any signs of damage, fraying, or corrosion. Replace if necessary.

7. TROUBLESHOOTING

If you encounter issues with your Povasee Jump Starter, refer to the following common troubleshooting tips:

Problem	Possible Cause	Solution
Unit does not turn on.	Battery is completely discharged.	Charge the unit fully using the provided USB-C cable.

Problem	Possible Cause	Solution
Vehicle does not jump start.	Incorrect cable connection; vehicle battery too low; unit not fully charged.	Ensure correct positive/negative connections. If battery is extremely low, use the "RST" button. Ensure unit is fully charged.
Smart clamp indicator light is red/flashing.	Incorrect connection (reverse polarity, short circuit); unit not ready.	Disconnect clamps and re-connect correctly. Refer to safety features section.
Device not charging from USB outputs.	Unit battery low; incorrect cable/device.	Ensure jump starter is charged. Try a different USB cable or device.

8. SPECIFICATIONS

Specification	Value
Brand	Povasee
Model	A30
Peak Output Current	3000 Amps
Amperage	3000 Amps
Product Dimensions	1.7"D x 6.61"W x 3.37"H
Item Weight	1.1 Pounds
Engine Compatibility	Up to 10L Gas or 8L Diesel
Power Bank Capacity	74 Wh
USB Outputs	5V/2.4A & QC3.0 (5V/3A, 9V/2A, 12V/1.5A)
LED Light Brightness	400 Lumens
Operating Temperature	-22°F ~ 140°F
Batteries	4 Lithium Polymer batteries (included)




9. WARRANTY AND SUPPORT

Your Povasee Jump Starter comes with a **24 Months Warranty**, ensuring peace of mind and reliable performance. For any questions, concerns, or technical assistance, please do not hesitate to contact Povasee Customer Service. They are available 7 days a week, 24 hours a day to provide support.



Image: Povasee's commitment to customer service and warranty.

Related Documents - A30

 <p>User Manual Car Battery Jump Starter Power Pack</p>	<p>Povasee A30 3000A Car Battery Jump Starter User Manual</p> <p>Comprehensive user manual for the Povasee A30 3000A Car Battery Jump Starter Power Pack. Includes specifications, package contents, detailed operating instructions for starting cars and using features like the LED flashlight and USB outputs, troubleshooting tips, warnings, and warranty information.</p>
 <p>User Manual Car Battery Jump Starter povaseeteam@gmail.com</p>	<p>Povasee A30 Car Battery Jump Starter User Manual</p> <p>Comprehensive user manual for the Povasee A30 Car Battery Jump Starter, detailing specifications, package contents, key features, getting started instructions, car starting procedures, troubleshooting, and warranty information.</p>
 <p>User Manual Jump Starter Battery Pack</p>	<p>Povasee A20 Jump Starter Battery Pack User Manual</p> <p>Comprehensive user manual for the Povasee A20 Jump Starter Battery Pack, detailing specifications, features, operation, troubleshooting, and warranty information.</p>