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Povasee A40

Povasee 5000A Jump Starter

INSTRUCTION MANUAL

Model: A40

PRODUCT OVERVIEW

The Povasee 5000A Jump Starter is a powerful and versatile portable device designed to jump start 12V vehicles with all gas engines or diesel engines up to 10L. It features a newly upgraded 3-inch LCD display for clear status indication, a built-in power bank with dual USB outputs for charging electronic devices, and a 600-lumen LED flashlight with multiple modes for emergencies.



Figure 1: Povasee 5000A Jump Starter and Smart Jumper Cables.

This image displays the main unit of the Povasee 5000A Jump Starter alongside its smart jumper cables. The unit is compact and features a digital display.

SAFETY INFORMATION

Please read and understand all safety instructions before using the Povasee Jump Starter. Failure to follow these instructions may result in electric shock, fire, and/or serious injury.

- **Do not short circuit:** Ensure proper connection to avoid short circuits.
- **Reverse Polarity Protection:** The device includes protection against incorrect connections, but always double-check polarity.
- **Over-Discharge Protection:** Avoid fully discharging the unit to prolong battery life.
- **Temperature Range:** Operate and store the unit within the specified temperature range (-22°F to 140°F).
- **Keep Dry:** Do not expose the unit to water or moisture.
- **Ventilation:** Ensure adequate ventilation during use and charging.

- **Children and Pets:** Keep out of reach of children and pets.

SETUP

What's in the Box

- Povasee A40 Car Jump Starter x 1
- Heavy-Duty Jumper Cables x 1
- DC 5.5mm Cigarette Lighter Adapter x 1
- USB to Type C Cable x 1 (Note: AC adapter not included)
- Storage Box x 1
- User Manual x 1



Figure 2: Contents of the Povasee Jump Starter package.

This image illustrates all the items included in the product package, neatly arranged, including the jump starter unit, cables, adapters, and carrying case.

Initial Charging

Before first use, fully charge the Povasee Jump Starter. Connect the provided USB-A to C cable to the unit's USB-C input port and a suitable USB wall adapter (not included). The 3-inch LED display will show the charging progress. A full charge ensures optimal performance.



Figure 3: Input and Output Ports on the Jump Starter.

This image highlights the various ports on the side of the jump starter, including USB-C input, USB outputs, and the EC5 output port for jumper cables.

OPERATING INSTRUCTIONS

Jump Starting a Vehicle

1. **Connect Smart Jumper Cables:** Insert the blue plug of the smart jumper cables into the EC5 output port on the jump starter. Ensure a firm connection.
2. **Connect to Vehicle Battery:**
 - Attach the red (+) clamp to the positive (+) terminal of the vehicle's battery.
 - Attach the black (-) clamp to the negative (-) terminal of the vehicle's battery or a solid metal part of the engine block (ground).

The indicator light on the smart jumper cable will show the connection status. A solid green light indicates a correct connection and readiness to jump start.

3. **Start the Vehicle:** Once the green indicator light is solid, start your vehicle's engine. If the battery voltage is extremely low (below 9V), press the "RST" button on the smart cable to force a start.
4. **Remove Cables:** After the vehicle starts, immediately remove the smart jumper cables from the vehicle battery, then disconnect them from the jump starter.



Figure 4: Jump Starting Process.

This image shows the Povasee Jump Starter connected to a car battery, illustrating the ease and speed of the jump-starting process. The digital display indicates full charge.



Figure 5: Step-by-step guide for jump starting.

This visual guide breaks down the jump-starting process into three simple steps: connecting the smart clip, attaching to the battery, and starting the car engine.

Using as a Power Bank

The Povasee Jump Starter doubles as a portable power bank. It features two USB output ports (QC3.0 output 2 (5-12V) and standard 5V/2.4A output) to quickly charge your smartphones, tablets, and other USB-powered devices.



Figure 6: Charging Electronic Devices.

This image shows the jump starter connected to and charging various electronic devices such as a smartphone, laptop, and smartwatch, demonstrating its power bank functionality.

LED Flashlight Functions

The built-in 600 lumen LED light offers three modes for various situations:

- **Flashlight:** Provides steady illumination for working in dark environments.
- **Strobe:** A flashing light mode for signaling or attracting attention.
- **SOS:** Emits the international Morse code distress signal (three short, three long, three short flashes).



Figure 7: LED Flashlight Modes.

This image illustrates the jump starter's integrated 600-lumen LED light, showcasing its utility as an emergency torch with flashlight, strobe, and SOS modes.

MAINTENANCE

- **Recharge Regularly:** To maintain optimal battery health, recharge the jump starter every 3-6 months, even if not used.
- **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 unit. Do not use harsh chemicals or abrasive materials.

TROUBLESHOOTING

Common Issues and Solutions


Problem	Possible Cause	Solution
Unit does not turn on.	Battery is completely discharged.	Charge the unit fully before use.
Vehicle does not start after jump.	Incorrect cable connection; vehicle battery too low; vehicle issue.	Check cable connections (red to +, black to -/ground). Press RST button for very low batteries. Consult a mechanic if the issue persists.
Smart cable indicator shows red/flashing.	Incorrect connection; short circuit; reverse polarity.	Disconnect immediately and re-check connections. Ensure correct polarity.

SPECIFICATIONS


Feature	Detail
Brand	Povasee
Model	A40
Peak Output Current	5000 Amps
Engine Compatibility	All Gas or 10L Diesel Engines
Battery Type	Lithium Polymer
Display	3" LCD Display
USB Outputs	QC3.0 (5-12V), 5V/2.4A
LED Light	600 Lumens (Flashlight, Strobe, SOS modes)
Operating Temperature	-22°F to 140°F (-30°C to 60°C)
Safety Protections	10 systems including reverse polarity, over-discharge, short circuit, etc.

WARRANTY AND SUPPORT


The Povasee 5000A Jump Starter comes with a**36 Months Warranty** from the date of purchase, as stated in the product features. For any questions or support needs, please feel free to contact Povasee Customer Service.



24 Hours
7*24 Customer Service



30 Days
Worry Free Return Policy





24 Months
After-Sales Warranty

Figure 8: Customer Service and Warranty Details.

This image provides information on customer service availability (24 Hours, 7*24), return policy (30 Days Worry Free), and after-sales warranty (24 Months). Please refer to the product description for the most accurate warranty period of 36 months.

Related Documents - A40

<div><div>User Manual Jump Starter Battery Pack</div></div>	<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>
<div><div>User Manual Car Battery Jump Starter povaseeteam@gmail.com</div></div>	<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>

Povasee



User Manual

Car Battery Jump Starter Power Pack

[Povasee A30 3000A Car Battery Jump Starter User Manual](#)

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.