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Strex SP313

Strex 12V Car Jump Starter Power Bank with Compressor User Manual

Model: SP313

1. Product Overview

The Strex 12V Car Jump Starter with Compressor is a versatile 5-in-1 device designed to provide reliable assistance for your vehicle and other inflatable items. It combines a powerful jump starter with a 4000A peak current, a 24,000 mAh power bank, an integrated air compressor, an LED flashlight, and an SOS emergency light. Its compact design and robust features make it an essential tool for roadside emergencies and outdoor activities.



Image: The Strex 12V Car Jump Starter, showing its main unit with attached jumper cables and the air hose accessory.

This device is engineered for 12V vehicles with engines up to 10L gasoline or 8.0L diesel, ensuring quick starts even with completely discharged batteries. The built-in air compressor can inflate tires up to 10.3 bar (150 PSI), and the power bank function allows you to charge mobile devices on the go. It is designed to operate reliably in extreme temperatures, from -20°C to 60°C.



Image: The Strex Jump Starter depicted in various use scenarios, including starting cars, vans, motorcycles, and for camping, highlighting its versatility.

2. Important Safety Instructions

Always adhere to the following safety guidelines when operating the Strex Jump Starter:

- Read all instructions before use.
- Ensure proper polarity when connecting jumper cables to avoid damage to the device or vehicle.
- Do not short-circuit the jumper clamps.
- Keep the device away from flammable materials and excessive heat.
- Do not expose the device to rain or moisture.
- Store in a cool, dry place when not in use.

- Keep out of reach of children.
- The device features 10 built-in safety functions, including protection against overvoltage, short circuit, and reverse polarity, to ensure safe operation.



Image: The Strex Jump Starter with its intelligent jumper cables, illustrating various safety protections such as overheating, overcharging, reverse connection, and short circuit protection.

3. Package Contents

Verify that all items are present in the package:

- 1x Strex Jump Starter with Air Compressor
- 1x Smart Jumper Cables
- 1x USB-A to USB-C Charging Cable

- 1x Air Pump Hose
- 3x Adapters for Inflating Various Items
- 1x Storage Bag
- 1x User Manual



Image: A visual representation of the Strex Jump Starter package contents, including the main unit, accessories, storage bag, and user manual.

4. Initial Setup

4.1 Charging the Device

Before first use, fully charge the Strex Jump Starter. It is recommended to charge the device every 3-6 months to

maintain battery health, even when not in use.

1. Connect the USB-C charging cable to the USB-C input port on the jump starter.
2. Connect the other end of the USB-A cable to a suitable USB power adapter (not included) or a computer USB port.
3. The digital display will show the charging progress. The device is fully charged when the battery indicator shows 100%.

5. Operating Your Strex Jump Starter

5.1 Jump Starting a Vehicle

This device is designed for 12V vehicles with engines up to 10L gasoline or 8.0L diesel.

1. Ensure the jump starter is sufficiently charged (at least 50%).
2. Connect the red (+) clamp of the smart jumper cables to the positive (+) terminal of the vehicle's battery.
3. Connect the black (-) clamp to the negative (-) terminal of the vehicle's battery.
4. Plug the blue connector end of the smart jumper cables into the jump starter's output port.
5. Once connected, the indicator light on the smart cable will turn green, indicating a correct connection. If it's red or flashing, check the connections.
6. Start your vehicle's engine.
7. Once the engine starts, immediately disconnect the smart jumper cables from the jump starter, then disconnect the clamps from the vehicle battery.



Image: The Strex Jump Starter showcasing its key specifications: 24,000 mAh battery capacity, 12-volt jump starter capability, and 4000A peak current, suitable for up to 10L gasoline or 8.0L diesel engines.

5.2 Using the Air Compressor

The built-in air compressor can inflate tires up to 10.3 bar (150 PSI).

1. Screw the air pump hose onto the compressor output port on the jump starter.
2. Attach the other end of the hose to the tire valve or use one of the included adapters for other inflatables (e.g., bicycle tires, sports balls).
3. Press the compressor button on the device to start inflation. The digital display will show the current pressure.
4. Monitor the pressure on the digital display. Stop inflation once the desired pressure is reached.
5. Disconnect the hose from the tire valve and the jump starter.



Image: The Strex Jump Starter connected to a car tire, demonstrating its built-in air pump function. The image also highlights the integrated flashlight with its various modes (Lamp, SOS, Blinking).

5.3 Using as a Power Bank

The 24,000 mAh capacity allows you to charge various electronic devices.

1. Connect your device's charging cable (e.g., USB-C) to the appropriate output port on the Strex Jump Starter.
2. The jump starter will automatically begin charging your device.
3. Monitor your device's charging status.



Image: The Strex Jump Starter connected via USB-C to a smartphone, illustrating its power bank capability to charge devices simultaneously with its 24,000 mAh capacity.

5.4 Using the LED Flashlight and SOS Light

The integrated LED flashlight provides illumination for various situations, including emergencies.

1. Press the flashlight button to turn on the LED light.
2. Press again to cycle through different modes: constant light, SOS signal, and blinking light.
3. Press a final time to turn off the light.

6. Care and Maintenance

- **Charging:** Recharge the device after each use and at least every 3-6 months to prolong battery life.

- **Storage:** Store the jump starter in its compact storage bag in a cool, dry place, away from direct sunlight and extreme temperatures.
- **Cleaning:** Use a soft, dry cloth to clean the exterior of the device. Do not use harsh chemicals or abrasive cleaners.
- **Temperature Resilience:** The device is designed to operate in temperatures from -20°C to 60°C.



Image: The Strex Jump Starter shown functioning reliably in extreme temperatures, from -20°C (extreme cold) to +60°C (extreme heat), indicating its robust design for various climates.

7. Troubleshooting

Problem	Possible Cause	Solution

Problem	Possible Cause	Solution
Device does not turn on.	Battery is completely discharged.	Charge the device fully using the provided USB-C cable.
Vehicle does not start after jump starting.	Incorrect cable connection; vehicle battery too low; vehicle issue.	Ensure clamps are connected to correct polarity. Check vehicle battery voltage. Consult a mechanic if the issue persists.
Air compressor not inflating.	Hose not securely attached; device battery low.	Ensure air hose is tightly screwed on. Recharge the jump starter.
Power bank not charging devices.	Device battery low; incorrect cable/port.	Recharge the jump starter. Ensure correct USB output port and cable are used.

8. Technical Specifications

Feature	Specification
Model	SP313
Peak Current	4000 A
Battery Capacity	24000 mAh
Compressor Pressure	Up to 10.3 bar (150 PSI)
Suitable for Vehicle Type	12V vehicles, up to 10L Gasoline / 8.0L Diesel engines
Item Weight	1.5 Kilograms (900g for the unit itself)
Product Dimensions	21 x 9.5 x 6 cm
Charging Port	USB-C
Operating Temperature	-20°C to 60°C



Image: The Strex Jump Starter held in a hand, illustrating its compact dimensions (21 cm length, 9.5 cm width, 6 cm height) and lightweight design (900 grams).

9. Warranty and Support

Specific warranty details and direct support contact information are not provided in the available product data. Please refer to the seller's return policy or contact the retailer where the product was purchased for warranty claims and support inquiries.

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