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Scosche PBJ700

Scosche PowerUp 700 Portable Car Jump Starter User Manual

Model: PBJ700-1 | Brand: Scosche

Product Overview

The SCOSCHE PBJ700-1 portable car jump starter is a compact and lightweight solution for vehicle emergencies. It features a 15,000 mAh 700A peak portable battery capable of jump-starting automobiles up to 8 cylinders. Designed for convenience and safety, it includes multiple charging options and built-in protections.

Key Features:

- **POWER PACK AUTOMOTIVE JUMP STARTER:** With 700 amps of power, quickly jump start an engine of up to 10 cylinders and 7.0 liters in the case of emergency; Use the Boost button to start a low voltage or discharged battery.
- **VERSATILE SAFETY PROTECTIONS:** The spark-free safety system protects the jump starter, you and your vehicle; Equipped with 10 safety protections such as polarity, overheating, overcharge, over voltage, short circuit and many more.
- **DUAL USB CHARGER:** Two 5-Volt USB ports allow you to charge your cell phone mobile devices and any other USB devices from the portable battery.
- **BATTERY LEVEL INDICATOR WITH FLASHLIGHT:** 4 lights indicate the amount of battery left; also works as a flashlight with SOS mode in case of emergency.
- **DURABLE COMPACT DESIGN:** This automotive power pack jump starter with a rugged design provides years of use; includes thermoform case to easily store inside a glove compartment or trunk of your vehicle.

What's in the Box

- Portable Jump Starter

The Scosche PowerUp 700 comes with the main jump starter unit, jumper cables, a 12V accessory socket, a 12V charge adapter cord, and a rugged carrying case.



Image: All components included with the Scosche PowerUp 700, neatly laid out next to its compact carrying case.

Setup Guide

1. **Charge the PowerUp 700:** Before first use, ensure the unit is fully charged. Use the provided charging cable and adapter. The battery level indicator lights will show charging progress.
2. **Identify Components:** Familiarize yourself with the jump starter unit, the jumper cables (red for positive, black for negative), and the various ports.
3. **Connect Jumper Cables:** Plug the jumper cable adapter into the 12V output port on the PowerUp 700 unit. Ensure it is securely connected.


FULL
75%
50%
LOW
POWER
BOOST
12V 700A
SCOSCHE
15000mAh
12V Output
8AWG 200°C

Image: The main unit of the Scosche PowerUp 700 with the jumper cable adapter plugged into its 12V output port.

Operating Instructions

Jump Starting a Vehicle:

1. **Connect Clamps:** Attach the red (positive) clamp to the positive (+) terminal of your vehicle's battery. Attach the black (negative) clamp to the negative (-) terminal of your vehicle's battery.
2. **Power On:** Press the power button on the PowerUp 700 unit. The indicator lights will show the battery level.
3. **Check Status:** The jumper cable adapter has indicator lights (Ready/Error). A green 'Ready' light indicates a proper connection. If the battery is deeply discharged, you may need to press the 'Boost' button on the jumper cable adapter for 3 seconds until the green light illuminates.
4. **Start Vehicle:** Once the 'Ready' light is green, start your vehicle.
5. **Disconnect:** After the vehicle starts, immediately disconnect the jumper cables from the PowerUp 700 unit, then from the vehicle battery (negative first, then positive).



Image: The PowerUp 700 unit placed on a car battery with its clamps connected, ready for jump-starting.

Using the Flashlight:

The PowerUp 700 features a built-in LED flashlight with multiple modes:

- **Steady On:** Press and hold the flashlight button (lightbulb icon) for 3 seconds to turn on the steady light.
- **Strobe Mode:** Press the flashlight button again for strobe light.
- **SOS Mode:** Press the flashlight button a third time for SOS signal.
- **Turn Off:** Press the flashlight button a fourth time to turn it off.



Image: The PowerUp 700's integrated flashlight providing illumination in a dark engine compartment.

Charging Mobile Devices:

The PowerUp 700 can also serve as a power bank for your mobile devices:

- **Connect Device:** Use your device's USB charging cable to connect it to one of the two 5-Volt USB output ports on the PowerUp 700.
- **Charging:** The PowerUp 700 will automatically begin charging your device.



Image: A tablet connected to the Scosche PowerUp 700, demonstrating its capability to charge external devices.

Official Product Video (Demonstrates general features of PowerUp series):

Video: An official Scosche video demonstrating the features of the PowerUp 300 model, including jump-starting, power bank functionality, and flashlight. While this video features the 300A model, the general operation and features are similar to the PowerUp 700.

Maintenance

- **Recharging:** The PowerUp 700 can stay fully charged for up to 6 months. It is recommended to recharge the unit every 3-6 months to maintain optimal battery health, even if not in use.
- **Storage:** Store the unit in its rugged carrying case in a cool, dry place, such as your vehicle's trunk or glove compartment. Avoid extreme temperatures.
- **Lifespan:** The unit has a 1,000+ charge and recharge lifespan cycle. Proper maintenance will help maximize its longevity.



Image: The PowerUp 700 and its accessories neatly packed in its durable carrying case for convenient storage and protection.

Troubleshooting

The PowerUp 700 is equipped with 10 built-in safety protections to prevent common issues:

- **No Start/Low Voltage:** If the vehicle battery is completely discharged, use the 'Boost' button on the jumper cable adapter. Press and hold for 3 seconds until the green 'Ready' light illuminates.
- **Sparking:** The unit features spark-free protection. Ensure clamps are properly connected to avoid any sparks.
- **Reverse Polarity:** The unit has polarity protection. If clamps are connected incorrectly, an error indicator will light up. Disconnect and reconnect correctly.
- **Overcharge/Over-discharge:** Internal circuitry protects against overcharging or over-discharging the unit itself. Follow recommended charging intervals.
- **Over Current/Over Voltage/Overheat:** The unit is designed with protections against these conditions. If an issue occurs, the unit may shut down automatically. Allow it to cool down before attempting to use it again.
- **Short Circuit:** Short circuit protection is built-in to prevent damage to the unit or vehicle in case of a short.

For persistent issues, refer to the detailed user manual (PDF available via Amazon product page) or contact Scosche customer support.

Specifications

Brand	Scosche

Model	PBJ700-1
Product Dimensions	3.5"D x 7"W x 1"H
Item Weight	2.5 Pounds
Amperage	700 Amps
Peak Output Current	700 Amps
Battery Type	Lithium Polymer (1 included)
Manufacturer	SCOSCHE
UPC	033991064515

Warranty & Support

The Scosche PowerUp 700 Portable Car Jump Starter is backed by Scosche's Lifetime Tech Support and a 1-year warranty.

For detailed support, troubleshooting, or warranty claims, please refer to the official User Manual (PDF) available on the product's Amazon page or visit the Scosche website.

User Manual (PDF): Download Here

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