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› SUCFOCUS F19 Car Battery Jump Starter User Manual

SUCFOCUS F19

SUCFOCUS F19 Car Battery Jump Starter User Manual

Brand: SUCFOCUS | Model: F19

1. PRODUCT OVERVIEW

The SUCFOCUS F19 Car Battery Jump Starter is a versatile and essential tool for vehicle owners. Engineered for reliability and ease of use, it provides a powerful 2500A peak current to jump start 12V vehicles, including those with up to 8.0L gas or 7L diesel engines. Beyond its primary function, this compact device integrates multiple features such as a portable power bank, an LED flashlight with various modes, and a safety hammer, making it an indispensable companion for roadside emergencies and outdoor activities.



Figure 1: The SUCFOCUS F19 Car Battery Jump Starter, showcasing the main unit, smart jumper cables, and portable pouch.

2. WHAT'S IN THE BOX

Upon opening your SUCFOCUS F19 package, please verify that all the following components are included:

- 1 x F19 Portable Car Jump Starter
- 1 x Smart Jumper Cables for Car
- 1 x Micro USB Charging Cable
- 1 x User Manual
- 1 x Portable Sac



Figure 2: All items included in the SUCFOCUS F19 Car Battery Jump Starter package.

3. KEY FEATURES

- **Powerful Jump Starting:** Delivers 2500A peak current, capable of restarting 12V vehicles (up to 8.0L gas/7L diesel engines) in seconds. Can provide up to 20 jump starts on a full charge.
- **Comprehensive Safety:** Equipped with 10 intelligent safety protections including overcharge, short circuit, spark-proof, reverse polarity, overload, and power surging. The smart jumper cable indicator light provides real-time feedback on correct operation.
- **Multi-Function 4-in-1 Design:** Functions as a jump starter, portable power bank (USB QC3.0 output for charging mobile devices), LED flashlight (Flash, Strobe, SOS modes), and a safety hammer.
- **Portable & Compact:** Measures 7*3.3*1.5 inches and weighs only 1.9 pounds, making it ultra-lightweight and easy to carry. Features a visible LCD display for clear information.
- **Long Standby Time:** Maintains charge for approximately 24 months when not in use.

START YOUR DEAD BATTERIES

2500A

PEAK

8.0L

GAS

6.5L

DIESEL

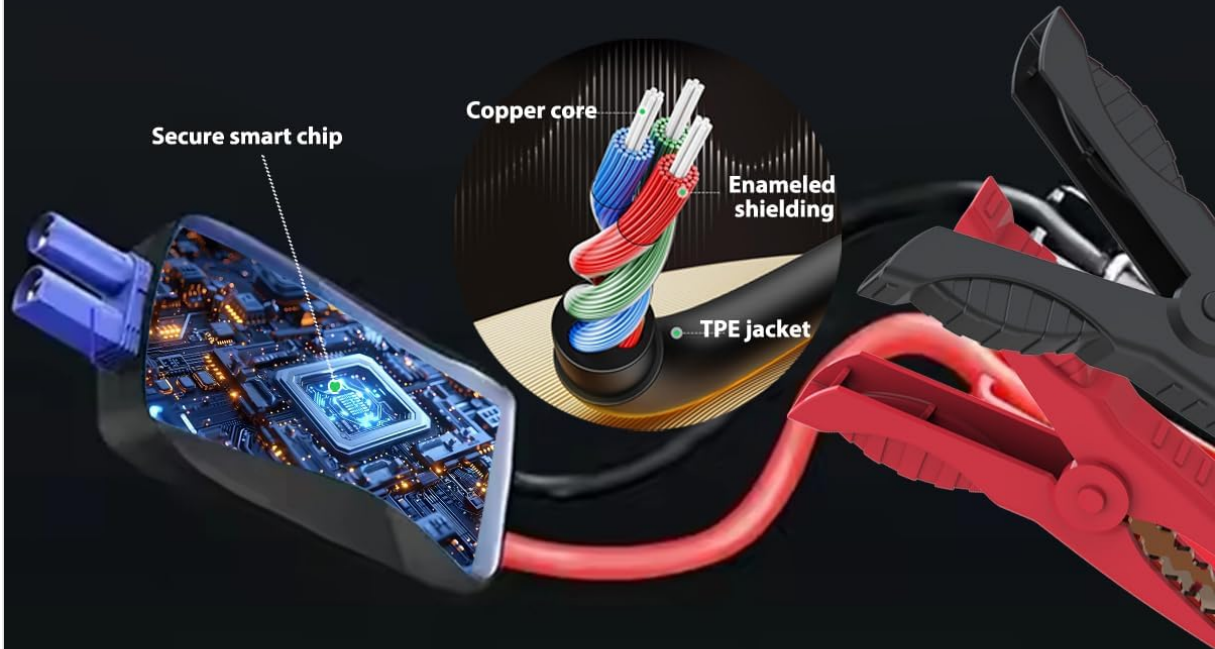


Figure 3: The jump starter's capacity for various engine types.

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COMPREHENSIVE PROTECTION

Safety Smart Clamps, upgrading copper core cables



Over Charge Protection



Spark Proof Protection



Zero-Damage Protection



Low/High Voltage Protection



Over-Temperature Protection



Over Discharge Protection



Short-Circuit Protection



Reverse Polarity Protection



Jump Starter Time Out Protection



-4°F/140°F Bearing Protection

Figure 4: Overview of the 10 intelligent safety protections integrated into the device.

LED FLASHLIGHT



LIGHTING



SOS



STROBE



Figure 5: The integrated LED flashlight with multiple lighting modes for emergency use.

4. SETUP

Before first use, ensure your SUCFOCUS F19 jump starter is fully charged. It is recommended to charge the unit to above 75% capacity before any jump-starting operation.

4.1 Charging the Jump Starter

1. Connect the Micro USB charging cable to the USB-C input port on the jump starter.
2. Connect the other end of the cable to a USB wall charger (not included) or a powered USB port.
3. The LCD display will show the charging progress. A full charge typically takes 3-4 hours.

5. OPERATING INSTRUCTIONS

5.1 Jump Starting a Vehicle

Follow these steps carefully to jump start your vehicle:

1. **Insert the Clamp Plug:** Firmly insert the blue plug of the smart jumper cables into the jump starter's port. Ensure the connection is secure.
2. **Connect the Clamps:**
 - Connect the **red (positive)** clamp to the positive (+) terminal of your vehicle's battery.
 - Connect the **black (negative)** clamp to the negative (-) terminal of your vehicle's battery.

The smart jumper cable indicator light will show green if connected correctly, or flash if there's an issue (e.g., reverse polarity).

3. **Start the Vehicle:** Once the indicator light is solid green, start your vehicle's engine.
4. **Disconnect:** After the vehicle starts, quickly remove the smart clip from the jump starter within 30 seconds, then disconnect the clamps from the car battery.

EASY TO USE

Automatically Detect Voltage and enter correct Mode

REGULAR MODE



BOOST MODE



Figure 6: Visual guide for connecting the jump starter in regular and boost modes.

5.2 Using the Force Start Function (Boost Mode)

If your vehicle's battery voltage is extremely low or completely dead, the regular mode might not initiate the jump start. In such cases, use the "RST" button (located on the top right corner on the back of the connector) to force the car to restart. Press and hold the "RST" button until the indicator light flashes green, then proceed to start your vehicle.

5.3 Using as a Portable Power Bank

The SUCFOCUS F19 features USB outputs (9V/2A) with Quick Charge 3.0 technology to rapidly charge your cellphones, tablets, and other mobile devices. Simply connect your device's charging cable to the appropriate USB output port on the jump starter.

5.4 Using the LED Flashlight

The integrated LED flashlight has three modes:

- **Flash Light:** For general illumination.
- **Strobe Light:** For signaling or attracting attention.
- **SOS Light:** For emergency signaling.

Refer to the device's buttons for activating and cycling through the flashlight modes.

5.5 Using the Safety Hammer

The jump starter is equipped with a safety hammer feature. In an emergency, this can be used to break vehicle windows. Aim for the corners or edges of the window, not the center, for effective breakage.

6. MAINTENANCE

- **Regular Charging:** If you do not use the jump starter for an extended period, it is recommended to charge it every 3 months to maintain the battery in a healthy state and ensure optimal performance.
- **Storage:** To prevent battery performance issues, especially in cold conditions, store the jump starter at a proper temperature. Avoid charging or using the jump starter in extreme cold or heat.
- **Cleaning:** Keep the device clean and free from dust and debris. Use a soft, dry cloth for cleaning.

7. TROUBLESHOOTING

7.1 Common Issues and Solutions

Problem	Possible Cause	Solution
Jump starter does not turn on.	Battery is completely drained.	Charge the jump starter fully before use.
Vehicle does not start.	Incorrect clamp connection (reverse polarity).	Check the smart jumper cable indicator light. Reconnect clamps correctly (red to positive, black to negative).
Vehicle does not start after correct connection.	Vehicle battery is extremely low or completely dead.	Use the Force Start (RST) function. Press and hold the RST button until the indicator flashes green, then try starting the vehicle.
Jump starter overheats.	Prolonged use or high ambient temperature.	Allow the unit to cool down before further use. Ensure proper ventilation during operation.

8. SPECIFICATIONS

Specification	Value
Brand	SUGFOCUS
Model	F19
Peak Output Current	2500 Amps

Specification	Value
Engine Compatibility	Up to 8.0L Gas / 7L Diesel
Product Dimensions	7.28"H x 3.5"W x 1.75"D
Item Weight	1.83 pounds
Battery Type	Lithium Polymer
Charging Time	3-4 hours (approx.)
USB Output	9V/2A (QC3.0)

9. WARRANTY AND SUPPORT

SUCFOCUS stands behind the quality of its products. The F19 Car Battery Jump Starter comes with:

- **2-Year Worry-Free Refund and Replacement:** For any manufacturing defects or performance issues under normal use.
- **Lifetime Technical Support:** Access to expert assistance for any questions or operational guidance.
- **7/24 Customer Service:** Dedicated customer support available around the clock to address your needs.

For warranty claims or technical assistance, please contact SUCFOCUS customer service through the contact information provided on the product packaging or the official SUCFOCUS website.
