

FLYLINKTECH CF100

FLYLINKTECH 1500A Peak 20000mAh Car Jump Starter User Manual

Model: CF100

1. INTRODUCTION

This manual provides instructions for the safe and effective operation, maintenance, and troubleshooting of the FLYLINKTECH 1500A Peak 20000mAh Car Jump Starter. Please read this manual thoroughly before using the product and retain it for future reference.



Image 1.1: FLYLINKTECH Car Jump Starter unit, smart clamps, charging cables, and storage case.

2. PRODUCT OVERVIEW

2.1 Package Contents

- FLYLINKTECH 1500A Peak 20000mAh Car Jump Starter Unit
- Intelligent Jumper Clamps
- USB Charging Cable
- Type-C Charging Cable
- User Manual
- Storage Case



(1) 20000MAH JUMP STARTER



(2) INTELLIGENT CLAMPS



(3) CHARGING CABLE



(4) USB CABLE



(5) USER MANUAL



(6) STORAGE CASE

Image 2.1: Visual representation of the product package contents.

2.2 Key Features

- **High Capacity:** 20000mAh battery for multiple jump starts and device charging.
- **Powerful Jump Starting:** 1500A peak current capable of starting 12V vehicles (all petrol engines or up to 7.0L diesel engines).
- **Multi-functional Power Bank:** Two Quick Charge 3.0 USB outputs (5V/3A, 9V/2A) for charging smartphones, tablets, and other USB-powered devices.
- **Emergency LED Flashlight:** Features Normal, SOS, and Strobe lighting modes.
- **IP68 Waterproof Rating:** Provides protection against water and dust ingress.
- **Smart Protection System:** Integrated intelligent clamps offer protection against over-discharge, short circuit, overload, overcurrent, reverse protection, over temperature, reverse polarity, and reverse connection.

2.3 Product Components and Controls

Button description

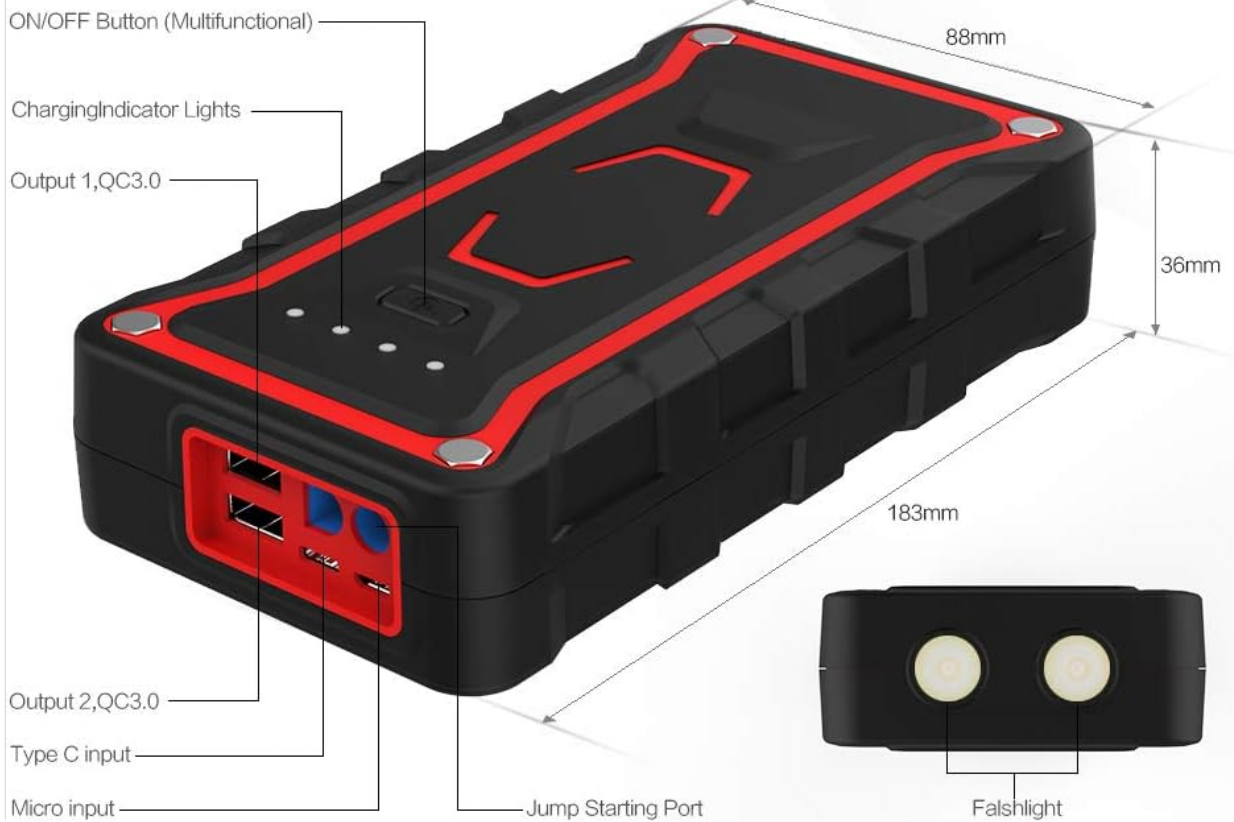


Image 2.2: Overview of the jump starter's buttons, ports, and indicators.

- **ON/OFF Button (Multifunctional):** Powers the unit on/off and controls flashlight modes.
- **Charging Indicator Lights:** Four blue LEDs indicate the battery charge level.
- **Output 1, QC3.0:** USB-A port for quick charging external devices.
- **Output 2, QC3.0:** USB-A port for quick charging external devices.
- **Type C Input:** USB-C port for charging the jump starter unit.
- **Micro Input:** Micro-USB port for charging the jump starter unit.
- **Jump Starting Port:** Dedicated port for connecting the intelligent jumper clamps.
- **Flashlight:** Integrated LED light.

3. SAFETY INFORMATION

Read all safety warnings and instructions before using this product. Failure to follow the warnings and instructions may result in electric shock, fire, and/or serious injury.

- Do not attempt to jump start a vehicle if the jump starter unit is below 50% charge.
- Ensure proper polarity when connecting the jumper clamps to the vehicle battery. Red clamp to positive (+), Black clamp to negative (-).
- Do not touch the red and black clamps together once connected to the jump starter.
- Do not expose the product to extreme temperatures or direct sunlight for extended periods.
- Keep out of reach of children.

- Do not disassemble, modify, or attempt to repair the unit.
- If the unit becomes excessively hot during use, discontinue use immediately.
- The intelligent clamps incorporate multiple protection features:

FORCE START FUNCTION

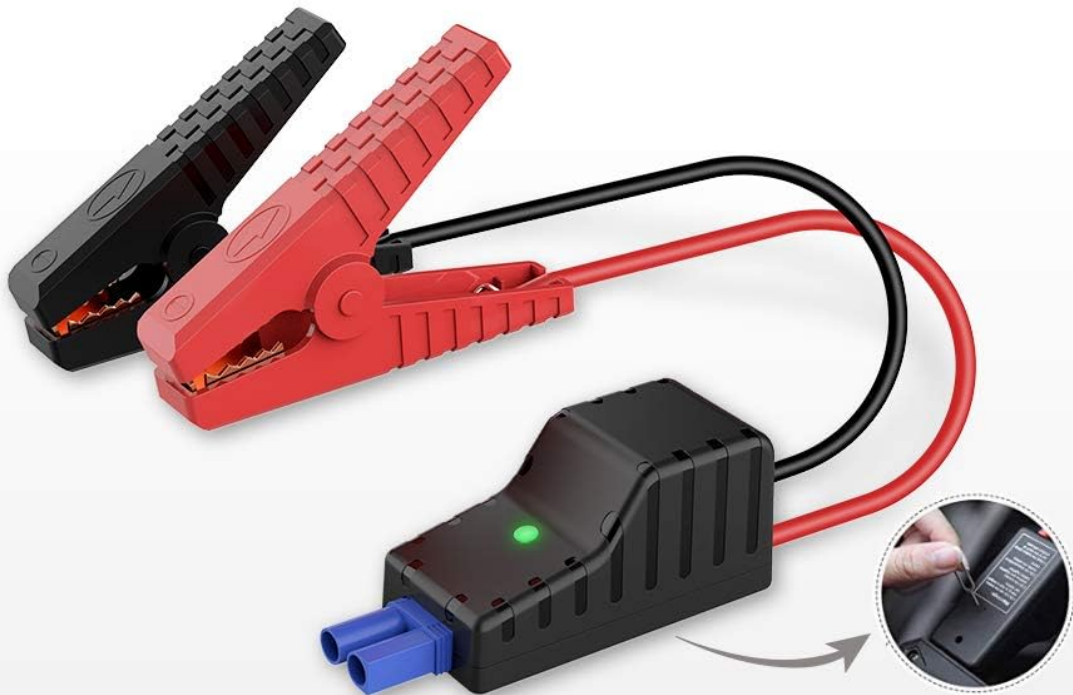
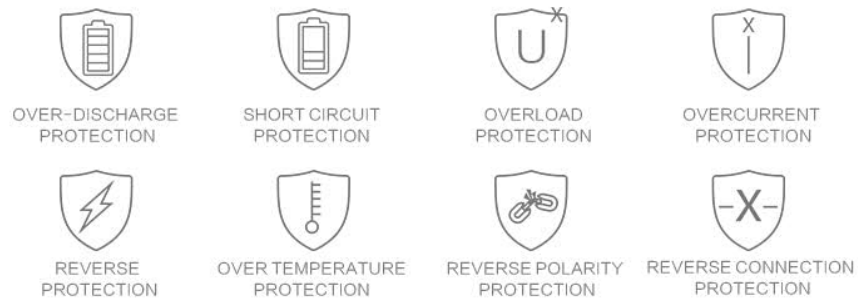


Image 3.1: Overview of the intelligent clamp's safety features.

- Over-Discharge Protection
- Short Circuit Protection
- Overload Protection
- Overcurrent Protection
- Reverse Protection
- Over Temperature Protection
- Reverse Polarity Protection
- Reverse Connection Protection

4. SETUP

4.1 Charging the Jump Starter

Before first use, fully charge the jump starter unit. It is recommended to charge the unit every 3-6 months to

maintain battery health, even if not in use.

1. Connect the provided USB or Type-C charging cable to the corresponding input port on the jump starter unit.
2. Connect the other end of the charging cable to a USB wall adapter (not included) or a powered USB port.
3. The charging indicator lights will illuminate and flash to show the charging progress. All four lights will be solid when fully charged.

5. OPERATING INSTRUCTIONS

5.1 Jump Starting a Vehicle

Ensure the jump starter unit has at least 50% charge before attempting to jump start a vehicle.



Image 5.1: The jump starter is suitable for various 12V vehicles, including cars, SUVs, vans, pickup trucks, motorcycles, and more.

1. Turn off the vehicle's ignition and all accessories.
2. Connect the blue plug of the intelligent jumper clamps into the jump starting port on the jump starter unit. Ensure a firm connection.

3. Connect the **red (+)** clamp to the positive terminal of the vehicle's battery.
4. Connect the **black (-)** clamp to the negative terminal of the vehicle's battery.
5. Once the clamps are correctly connected, the indicator light on the intelligent clamps will turn green, indicating it is safe to proceed. If it shows red or flashes, check connections and refer to the troubleshooting section.
6. Start the vehicle's engine.
7. Once the vehicle starts, immediately disconnect the **black (-)** clamp from the vehicle battery, followed by the **red (+)** clamp.
8. Disconnect the intelligent jumper clamps from the jump starter unit.



Image 5.2: Proper connection of jumper clamps to a vehicle battery.

5.2 Charging External Devices

The jump starter can function as a power bank to charge various USB-powered devices.

20000MAH CAPACITY

NOT ONLY A POWERFUL JUMP STARTER BUT ALSO A POWER BANK



Image 5.3: The jump starter can charge devices like phones, tablets, and cameras.

1. Connect your device's USB charging cable to one of the Quick Charge 3.0 USB output ports (Output 1 or Output 2) on the jump starter unit.
2. Connect the other end of the cable to your device.
3. The jump starter will automatically begin charging your device. The charging indicator lights will show the remaining battery level.

5.3 Using the LED Flashlight

The integrated LED flashlight offers multiple lighting modes for emergency situations or general illumination.



Image 5.4: The LED flashlight offers Normal, SOS, and Strobe modes.

1. Press and hold the ON/OFF button for approximately 3 seconds to turn on the flashlight in Normal mode.
2. Press the ON/OFF button briefly to cycle through the modes: Normal > SOS > Strobe > Off.
3. To turn off the flashlight from any mode, press and hold the ON/OFF button for approximately 3 seconds.

6. MAINTENANCE

- **Charging:** Recharge the jump starter unit every 3-6 months, even if not used, to prolong battery life.
- **Cleaning:** Wipe the unit with a soft, dry cloth. Do not use harsh chemicals or abrasive cleaners.
- **Storage:** Store the jump starter in its provided storage case in a cool, dry place, away from direct sunlight and extreme temperatures.
- **Battery Care:** Avoid fully discharging the unit frequently, as this can reduce battery lifespan.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Jump starter does not turn on.	Battery is fully discharged.	Charge the jump starter unit.
Vehicle does not start after jump starting attempt.	Incorrect clamp connection. Jump starter battery too low. Vehicle battery severely damaged. Vehicle issue unrelated to battery.	Check clamp connections (red to +, black to -). Ensure jump starter is sufficiently charged (above 50%). Consult a mechanic if the issue persists.
Intelligent clamp indicator light is red or flashing.	Reverse polarity, short circuit, or other protection activated.	Disconnect clamps from vehicle battery and jump starter. Re-check connections for correct polarity and ensure clamps are not touching. Refer to safety information.
External device not charging.	Jump starter battery too low. Incorrect cable connection. Device not compatible.	Charge the jump starter. Ensure USB cable is properly connected to both the jump starter and the device. Try a different USB port or cable.

If the problem persists after attempting these solutions, please contact customer support.

8. SPECIFICATIONS

Feature	Specification
Model	CF100
Battery Capacity	20000mAh
Peak Current	1500A
Start Current	750A
Vehicle Compatibility	12V vehicles (All Petrol, up to 7.0L Diesel)
USB Output 1 (QC3.0)	5V/3A, 9V/2A
USB Output 2 (QC3.0)	5V/3A, 9V/2A
USB-C Input	5V/2A
Micro-USB Input	5V/2A
Waterproof Rating	IP68
LED Flashlight Modes	Normal, SOS, Strobe

Feature	Specification
Battery Type	Lithium Ion
Product Dimensions (approx.)	183mm x 88mm x 36mm
Item Weight	544g
Safety Certifications	CE, FCC, RoHs, UL, UN38.3

9. WARRANTY AND SUPPORT

9.1 Warranty Information





This FLYLINKTECH product comes with a**24-month warranty** from the date of purchase. This warranty covers manufacturing defects and issues arising from normal use.


9.2 Customer Support

If you have any questions, encounter problems during use, or require technical assistance, please contact our professional technical team. You can reach us through the Amazon purchase message system. Our support team aims to respond and help resolve issues within 24 hours.

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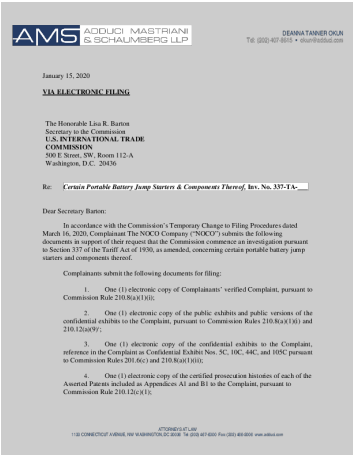
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	<p>FLYLINKTECH CF700 Jump Starter & Air Compressor User Manual</p> <p>Comprehensive user manual for the FLYLINKTECH CF700, a 2500A peak portable jump starter and 150PSI air compressor. Includes features, specifications, operation guide, and safety precautions for automotive use.</p>
	<p>Shinmax Multifunctional Pager: Operation Manual & Setup Guide</p> <p>Detailed operation instructions and setup guide for the Shinmax Multifunctional Pager system, covering appearance, app connection, accessory management, and specifications.</p>

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