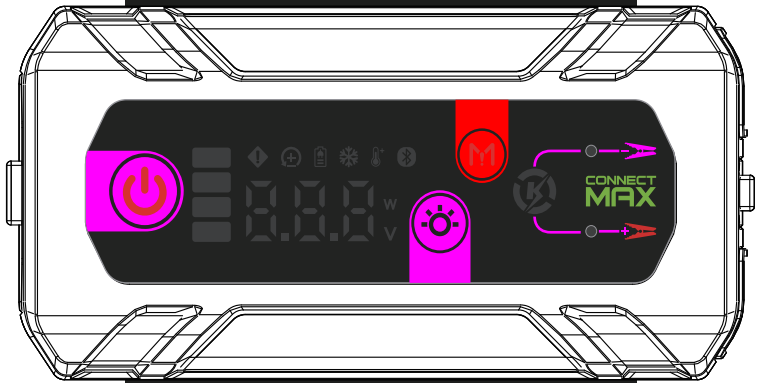
LOKITHOR

Jump Starter JT400



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Safety Instructions

*Please read the following instructions carefully before using the multifunctional emergency Jump Starter(referred to as Jump Starter):

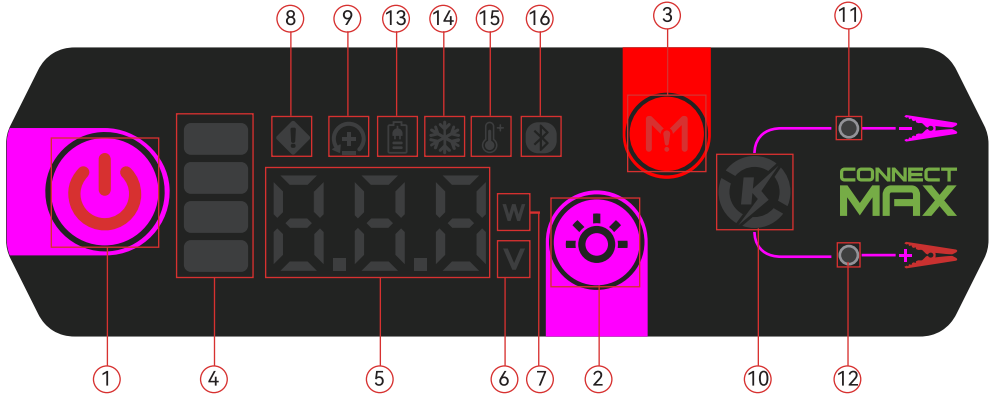
1. Please operate in strict accordance with the instructions. Improper operation may lead to serious safety accidents;
2. The jump starter is only used for 12V starting, and cannot start vehicles exceeding the specified displacement or exceeding the specified voltage (12V);
3. Manual start mode: In this mode, some safety protection mechanisms are invalid and need to be used with caution. Be sure to prevent the positive and negative poles from being short-circuited, otherwise it will cause a short-circuit accident. You must check the operating instructions in the manual before operation;
4. In order to extend the service life of JT400, please charge it after receiving it, and charge and discharge the device every three months to ensure that the JT400 is in good condition for next use;
5. Do not use the product that has been excessive shocked, dropped or other forms of damage;
6. Do not use the product to start the vehicle while the product is in charging;
7. Do not disassemble the jump starter without authorization. Please contact professional maintenance personnel to repair and deal with the abnormal jump starter;
8. Be extremely careful during operation to avoid metal tools falling on the jump starter interface (which can easily cause short circuit, equipment damage, and explosion);
9. When jump starting the car, make sure that the positive and negative poles of the jump starter cable clamp are in good contact with the positive and negative poles of the battery;
   It is forbidden to allow sparks and flames to come close to the product and engine;

11. In order to prevent sparks from short circuit and damaging the product, it is forbidden to clamp the positive and negative terminals together or touch the same metal;
12. Please do not place the product in a place easily accessible to children;
13. Do not expose the product to rain or snow;
14. Do not leave the product in extreme environments for a long time (such as high temperature: >131°F (55℃), extreme cold: <14°F (-10℃), humidity: humidity>80%);
15. Please store the product in a cool and dry place, and take protective measures when necessary;
16. When the product is exhausted or has low battery, please charge it in time to prevent abnormal battery under voltage. Long-term zero battery status may cause the product to be unable to charge.

Product Overview

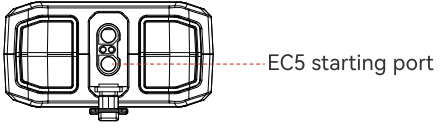
- **JT400 Jump Starter:** Suitable for starting 8.5L gasoline or 6.5L 12V diesel engines, including cars, motorcycles, Snowmobiles, and other 12V engine equipment.
- **Portable Power Source:** Can charge various devices, such as smartphones, tablets, laptops, cameras, GPS units, MP3 players, wireless headphones, and handheld gaming devices (5V / 3A output).
- **LED Lighting:** Equipped with six lighting modes—100%/ 50%/ 10%/ Blink/ SOS/ Strobe—with 200 lumens and a wide-angle beam.
- **Bluetooth Connectivity:** Supports car battery diagnostic tests and other features via app operation (compatible with the JT400 app).

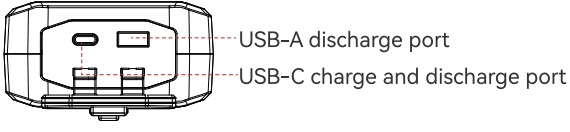
Button & Screen Introduction



NO	Function Description	NO	Function Description
1	Power button (short press to turn on, long press for 2S to turn off)	2	Power LED & Light Mode button

NO	Function Description	NO	Function Description
3	Boost start button (press and hold for 5S to turn on)	4	Battery Indicator
5	Digital display area	6	Voltage LED
7	Power LED	8	Error LED
9	Reverse polarity LED	10	Start indicator light
11	Negative clip LED (Green LED: low connection impedance; Yellow LED: high connection impedance)	12	Positive clip LED (Green LED: low connection impedance; Yellow LED: high connection impedance)
13	Charging Reminder LED	14	Low Temperature LED
15	High Temperature LED	16	Bluetooth LED



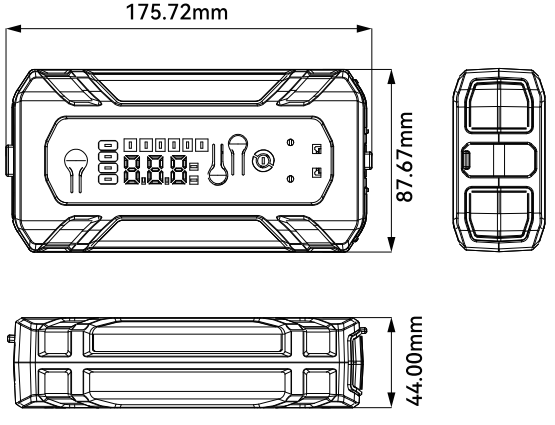


1. Specification Sheet

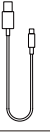
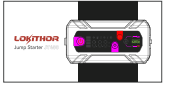
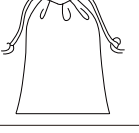
1.1 JT400 Specification Sheet

Model: JT400			
Jump Starter			
Capacity: 29.6Wh	Peak current: 2500A	Rated Capacity: 8000mAh	Starting voltage: 12V
Input	USB-C: 5V / 3A	Output	USB-A: 5V / 3A ; USB-C: 5V / 3A
LED Light: 100%/ 50%/ 10%/ Blink/ SOS/ Strobe		Clamp: red (+), black (-)	
Nominal Voltage: 14.8V		Open Voltage: 12V	
Charging temperature: 0℃ to 45℃		Working temperature: -20℃ to 60℃	
Storage temperature: -20℃ to 35℃		Full Charge Time: 2H	
Service life: >1500 cycles (In well maintained condition)			
Battery Tester			
Battery Test	Supported		
Charging Test	Supported		
Cranking Test	Supported		
Bluetooth Connection	Supported		

1.2 JT400 Dimension Figure



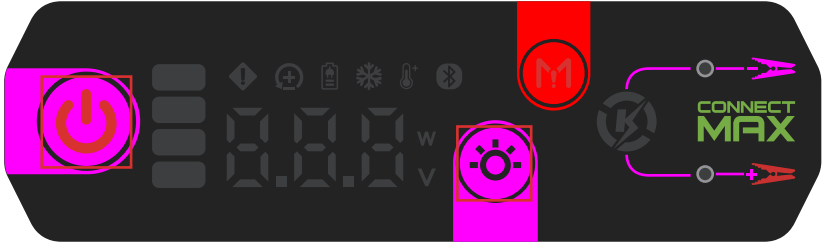
1.3 Packing List

JT400	Jump Clamp
USB-A to USB-C	User Manual
	
Accessories bag	
	

Operation Process Description

2. How to wake up the JT400?

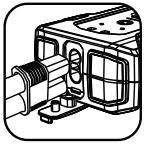
Short press the "LED light switch button " or "power button "



3. How to use the jump start function?

3.1 Method 1: Normal Start

(Note: If Bluetooth is connected, the normal start mode will be temporarily disabled. Use the app to enter "Normal Start" mode instead.)

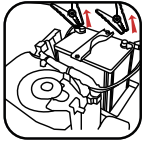


3.1.1 Please ensure that the starting voltage of the car is 12V, insert the clamps clip into the EC5 start port of JT400.

3.1.2 Connect the positive and negative poles of the product clamps to the positive and negative poles of the car battery respectively, and ensure that the connections are good.

3.1.3 Wake up the JT400, short press the "LED light switch button" or "Power button ". If the detection meets the automatic start, it will enter the 10-second clamp connection status detection countdown, After the countdown is over, the on the display panel flashes, and the actual voltage of the car battery displayed at the same time. At this time, the car can be started.

3.1.4 If the car starts successfully, short press the power button to exit the start function, and then disconnect the product clamps clip; in most cases, the vehicle will start successfully immediately during the first start operation. If the start fails, please check whether the product clamps clip position is in good contact, and then try again, no more than 5 consecutive starts within 15 minutes.



3.1.5 After using the product, remove the JT400 clamps clip and press and hold the " Power button " for seconds to turn off the JT400. If the JT400 is not operated for 60 seconds, the product will automatically shut down.

3.2 Method 2: Boost Start

(Safety reminder: Some safety protection mechanisms are invalid in this mode, so you need to use it with caution. Be sure to prevent the positive and negative poles from being short-circuited, otherwise it will cause a short-circuit accident. You must check the operating instructions in the manual before operating)

When the automatic start function fails, you can use the manual emergency start function after checking the operating specifications in the manual;

3.2.1 Insert the product clamps clip into the EC5 start port of the product;

3.2.2 Connect the positive electrode of the product clip to the positive electrode of the car battery. After waking the product, press and hold the" M " for 5 seconds.Enter the boost start mode, at this time, the on the main interface“Start indicator light”is always on, indicating that the product clamp output has been turned on. At this time, you must prevent the positive and negative poles from being;

3.2.3 Connect the negative electrode of the clip to the negative electrode of the car battery and make sure the connection is good. At this time, the positive and negative voltages of the device and the car in parallel are displayed, and the car can be started;

3.2.4 Shortly press the " M " or "Power button ⏻ " to exit.

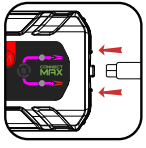
4. ConnectMAX Display

4.1 In normal start mode, after the product clamps clip are connected to the car battery, it will enter a 10-second detection countdown.

4.1.1 If the connection impedance of the product clamps clamp is low, the corresponding product clamps will be green;
4.1.2 If the connection impedance of the product clamps clip is high, the corresponding product clamps will be yellow;
4.1.3 The clamps' connection status can be adjusted during the 10-second countdown;
4.1.4 After 10 seconds, if adjustments are needed, reconnect the clamps and initiate a new measurement.

4.2 In boost start mode, the product clamps display yellow by default.

5. How to use the voltmeter function?



5.1 Insert the ignition clamps into the product's EC5 port.

5.2 Connect the positive and negative poles of the product clamps to the positive and negative poles of the car battery respectively, and make sure the connections are good.

5.3 After the 10-second countdown ends, the "Start Indicator Light" on the main interface lights up and displays the current battery voltage of the vehicle; the car battery respectively, and make sure the connections are good.

5.4 Disconnect the product clamps from the car battery and exit the voltmeter function mode.

6. How to use LED lights?

6.1 Press and hold the "LED light switch button " for 1S, the LED light will light up;
6.2 Press the " LED light switch button " repeatedly to switch modes: 100%/ 50%/ 10%/ Blink/ SOS/ Strobe;
6.3 Press and hold the " LED light switch button " for 2 seconds to force the LED light off.

7. How to charge the product?

7.1 Tool preparation: power adapter(PD2.0/PD3.0 protocol power adapter), USB-A to USB-C cable;
7.2 Connect one end of the USB cable A connector to the power supply and the other end to the USB-C charging port of the product. The on the screen "battery indicator" lights up, indicating that the product is charging normally;
7.3 When the product is exhausted or has low battery, please charge it in time to prevent abnormal battery undervoltage;
7.4 A long-term zero-battery state may cause the product to be unable to charge.

8. How to use 5V USB-A port to charge mobile phone?

8.1 Tool preparation: USB-A To USB-C cable, mobile phone;
8.2 Connect the A port of the USB cable to the product and the C port to the Type-c charging port of the phone to start charging.

9. How to use battery test function?

Enter the APP homepage and click the connected device icon to enter the product control center, which displays basic information such as product voltage. If you want to use specific functions, you can click the menu bar below or click the product manual in the upper right corner to learn how to use specific functions.

9.1 How to connect to the APP via Bluetooth?

9.1.1 Please scan the QR code below to download the "BattGuard" application;

9.1.2 Short press the "LED light switch button" or "power button", wake up the JT400;

9.1.3 Open the "BattGuard" application, turn on the mobile phone Bluetooth connection, click "Add Device" or the "+" sign in the upper right corner to search for Bluetooth devices. If there are multiple device lists, check the SN code on the back of the product, find the corresponding SN code Bluetooth device in the list, click Connect, the APP shows that it is connected, and the product Bluetooth indicator lights up, indicating that the product and APP are successfully connected;

9.1.4 You can choose from seven languages: Chinese, English, French, German, Spanish, Italian, Russian.

9.2 Battery Test

Open the app and click "Battery Test". First, choose the battery type: "Regular Lead-Acid, AGM Flat Plate, AGM Spiral, GEL, EFB". Then select the standard: "CCA, DIN, IEC, EN, SAE". Set the parameters (refer to the battery label for details) and press the "Confirm" button to start the test.

9.3 Cranking Test
Open the app, connect the JT400 to the car battery correctly, and click "Cranking Test". Follow the on-screen instructions to perform the test. Once completed, the test results will be displayed.

9.4 Charging Test
Open the app, connect the JT400 to the car battery correctly, and click "Charging Test". Follow the on-screen instructions to perform the test and wait for the results. (Please ensure the engine speed meets the requirements to avoid affecting the results.)

9.5 Real-Time Voltage
Open the app, connect the clamps to the car battery correctly, and access "Real-Time Voltage" to monitor real-time changes in the battery's voltage.

9.6 Clamp Clip Connection Effect Identification
Open the app, connect the clamps to the JT400 and the battery. Navigate to "Connection Effect Identification" to check the connection status of the positive and negative poles. If the connection is poor, make adjustments as needed.

9.7 Test Report
Open the app and click "Test Report". The detection results will be backed up here, allowing users to review the status. To print test data, export the file first. (Note: Clearing the cache may result in the loss of reports.)

9.8 Start Mode
- **Normal Start:** After the JT400 is connected to Bluetooth, the automatic start will be temporarily turned off, and you can enter the normal start in the APP start mode, then the JT400 turns on the automatic start, turns on the start output after the self-test is qualified, and presses the return key to automatically exit the start.

- **Boost Start:** Before using "Boost Start" in the app, please be sure to read 3.2 Boost Start related content carefully. After confirming that the connection is correct, you can confirm to enter the manual start. After the car starts successfully, press the return key to exit or after the countdown ends, the product automatically turns off the output.

10. Error Code Display Description

Error LED & Code	Explanation	Reason/solution
	Over Heating Protection	Wait for the device to cool down
	Low Temperature Protection	Keep the device at the appropriate temperature
	Abnormal Status	Restart the product / contact after-sales
	Reverse Connection Protection	Correctly connect the car battery
	Charge Reminder	The current startup capacity is insufficient, please charge and try again
430	External Battery Voltage is Greater than Device Voltage	Try again after charging or check if it is incorrectly connected to the 24V battery
450	Startup Failed	After confirming the correct connection, please refer to the manual to use boost start mode

Warning Note

***The device has no user-serviceable parts. Do not disassemble the power supply without authorization. Any repairs should be handled by professional maintenance personnel.**

1. You must confirm the battery voltage of the vehicle you are using and use it according to the product voltage status to avoid safety accidents;
2. When the battery capacity is >50%, it can be used to quickly start the vehicle. A starting power supply with insufficient power may not be able to effectively start the vehicle;
3. After turning on the power, it is normal for the body to generate some heat;
4. In order to maximize the service life of the JT400, please charge the starting power supply at least once every three months;
5. If the starting power supply leaks or emits any peculiar smell, please stop using it and contact us immediately;
6. Do not connect red clamps to black clamps, this may cause a hazard;
7. Please only use original product clamps clips;
8. Please stay away from fire and water to avoid safety accidents;
9. Never place the starter power supply in an environment above 60℃ or expose it to the sun; please store the starter power supply in a cool, dry place;
10. Do not disassemble or modify this product without approval and authorization;
11. Do not violently knock, press or shake the power supply, otherwise it may cause fire, explosion and burning;
12. Do not use chemical cleaners to clean the starting power supply;
13. Please keep this product away from children.

Recycling Treatment

1. Do not dispose of it with other household waste at the end of its service life to prevent irreparable damage to the environment or humans;
2. Please separate it from other types of waste and recycle it responsibly to promote the sustainable use of material resources.

Warranty Policy

Within 12 months from the date of purchase by the user, we provide a limited warranty for this product against any defects in materials and workmanship, with the following conditions:

1. The buyer must provide receipt proof from the regular dealer channel (order page details/invoice, etc.) to apply for after-sales service;
2. The warranty does not cover damage or malfunction caused by normal wear and tear, physical damage, improper installation, misuse, modification, or repair by unauthorized third parties;
3. We are not responsible for any loss or damage caused by third-party transportation or due to force majeure;
4. We are not responsible for any incidental or indirect damages caused by the use or misuse of this product;
5. All warranty claims are limited to repair or replacement of defective products, and are subject to our sole discretion;
6. If we repair or replace the product, the product will cover the remainder of the original warranty period. Repair or

replacement may involve the use of refurbished equipment with the same function, returned products or accessories, and we reserve the right to decide;

7. Consumable parts such as batteries are not included in the warranty;
8. The merchant reserves the final right to change and interpret the warranty regulations.

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