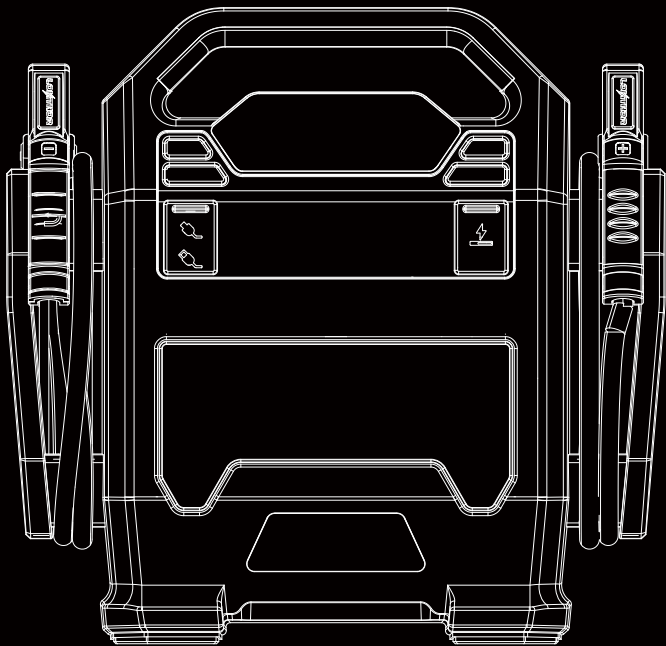


LOKITHOR

J10000HD



The Force of Thunder in Hand

Contents

Safety Instructions	05
Parameter specifications	06
Packing List	06
Product Overview	07
1. Button Description	07
2. Screen Description	07
3. Input/Output Description	08
Operation process description	09
1. How to wake up the product	09
2. How to use the jump starter function	09
3. Clamp connection status display	10
4. How to use the voltmeter function	10
5. How to use LED Flashlights	10
6. How to charge the product	11
7. Charge activation fix	11
8. How to use the 5V USB-A port to charge a cell phone	11
9. How to use the "Reverse Fast Charge Technology"	11
10. How to use DC output	11
11. How to use DC input	11
12. Explanation of error code display	11
Cautions	12
Disposal Recovery	12
Warranty Regulations	12

Safety instructions

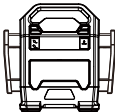


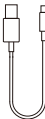
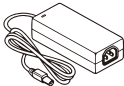


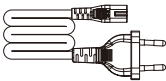

***Please read the following instructions carefully before using the Jump Starter:**

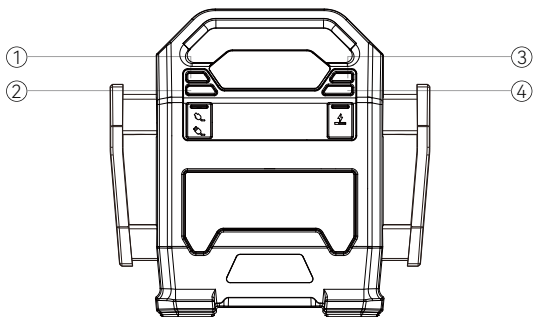
1. Please follow the instructions strictly, as non-compliance may lead to serious safety accidents;
2. The jump starter can be used for 12V or 24V engine starting, and cannot start vehicles with more than the specified displacement or more than the specified voltage;
3. Forced start mode: some of the safety protection mechanisms in this mode are invalid, need to be used with caution, be sure to prevent the positive and negative poles are shorted, otherwise it will lead to short-circuit accidents, you must check the operating instructions in the manual before operation;
4. In order to prolong the service life of the internal battery of the product, please charge the product when you get it and charge/discharge the device every three months to ensure that the starter power is in good condition for the next use;
5. Do not use the jump starter that has been subjected to excessive impact, dropped or otherwise damaged;
6. Do not start the vehicle with the jump starter while the jump starter is charging;
7. Do not disassemble the jump starter without authorization, please contact professional maintenance personnel for maintenance to deal with abnormal jump starter;
8. Extra caution is required during operation to avoid dropping metal tools on the jump starter connector (which can easily cause a short circuit, resulting in equipment damage and explosion);
9. When the car is ignited, make sure that the positive and negative terminals of the cable clamp of the jump starter are in good contact with the positive and negative terminals of the battery;
10. Do not allow sparks or flames to come close to the jump starter and engine;
11. To prevent sparks from short-circuiting and damaging the jump starter, it is prohibited to clamp the positive and negative terminals of the clips together or to touch the same metal;
12. Do not place the jump starter within easy reach of children;
13. Do not expose the jump starter to rain or snow;
14. Do not leave the device in extreme environments for long periods of time (e.g., high temperature: >131°F (55°C), extreme cold: <14°F (-10°C), humidity: >80% humidity);
15. Store the starter power supply in a cool, dry place and take protective measures if necessary;
16. When the product runs out of power or in a low battery condition, please charge it in time to prevent the battery from undervoltage abnormality, and the long-term zero power state may cause the product to be unable to charge.

Parameter specifications

Model	J10000HD	Capacity	256Wh	Starting Voltage	12V/24V
Starting Current	12V 5000A 24V 2500A		Peak Current	12V 10000A 24V 5000A	
Engine Rating	Suitable for up to 16L gasoline and diesel engines				
Input	USB-C: 5V \pm 3A, 9V \pm 3A, 12V \pm 3A, 15V \pm 3A, 20V \pm 5A (MAX 100W)				
	DC: 5-30V \pm 5A (MAX), Power 100W (MAX)				
	DC+USB-C: 200W (MAX)				
Output	USB-A: 5V \pm 3A, 9V \pm 3A, 12V \pm 1.5A (QC 18W)				
	USB-C: 5V \pm 3A, 9V \pm 3A, 12V \pm 3A, 15V \pm 3A, 20V \pm 5A (MAX 100W)				
	DC: 12V \pm 5A *2				
LED Light	1000 lumens		Clamp	Red (+), Black (-)	
Charging Temperature	0°C to 45°C (32°F to 113°F)		Operating Temperature	-20°C to 60°C (-4°F to 60°F)	
Storage Temperature	-20°C to 50°C (-4°F to 122°F)		Fully Charged Time	as fast as 1.5H (USB-C + DC)	
Service life	>2000 cycles (with good maintenance)				

Packing List

Device	Manual	USB - C To USB - C Wire	USB - A To USB - C Wire	DC Adapter
				
Car Charger to DC-5521 Charging Cable	Car Charger Female Socket to DC-5525 Discharging Cable	Power Cable (The plug type varies by country or region)		Accessories Storage Bag
				

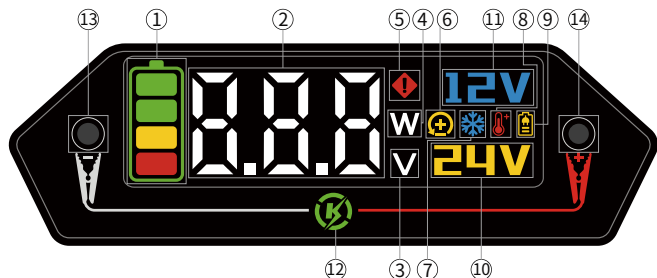


1. Button Description

No	Description	No	Functional Description
1	Boot button(Short press to turn on, Long press 2S to turn off)	2	LED light switch button(Short press to toggle, long press 2S to turn off LED)
3	12V Mode Button(Long press 2S to enter 12V mode, long press 5S to enter 12V forced start mode)	4	24V mode button(Long press 2S to enter 24V mode, long press 5 seconds to enter 24V forced start mode)

2. Screen Description

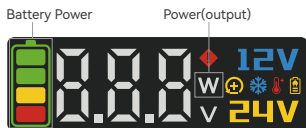
2.1 Functional Description



No	Functional Description	No	Functional Description	No	Functional Description
1	Battery power indicator	2	Digital display area	3	Voltage indicator
4	Power indicator	5	Error indicator	6	Reverse connection indicator

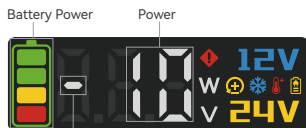
7	Low temperature warning indicator	8	High temperature warning indicator	9	Charging reminder indicator
10	24V status indicator	11	12V status indicator	12	Jump start indicator
13	Negative Clamp Indicator (Green: Good connection Yellow: Poor connection)		14	Positive Clamp Indicator (Green: Good connection Yellow: Poor connection)	

2.2 Charging display description



When the product is being charged, the screen displays the charging power;

2.3 Description of the discharge display



Discharge indication

When the product is discharged by USB, the screen displays the discharge power and the discharge symbol "-";

2.4 Electricity indication

Normally bright 80%~100%

Normally bright 60%~79%

Normally bright 40%~59%

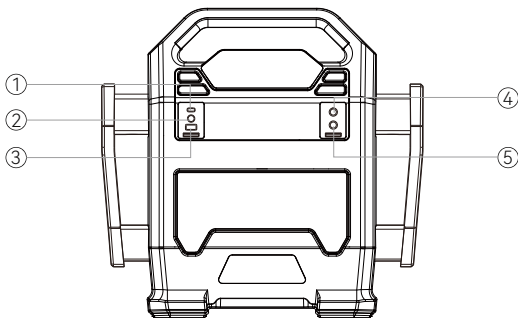
Normally bright 0%~39%

Flashing 0%~19%

Blinking 0% (at this time, the whole interface has only one red light blinking, no other voltage display)



3. Input/Output Port Description



No	Functional Description	No	Functional Description	No	Functional Description
1	USB-C Charging port	2	DC-5521 Charging Port	3	USB-A Discharge Port
4	DC-5525 Discharge port	5	DC-5525 Discharge port		

1. How to wake up the product



Short press the "LED light switch button"  or "Power On button" .

2. How to use the Jump Starter function

2.1 Mode 1: 12V Automatic Start


2.1.1 Verify that the car has a starting voltage of 12V;

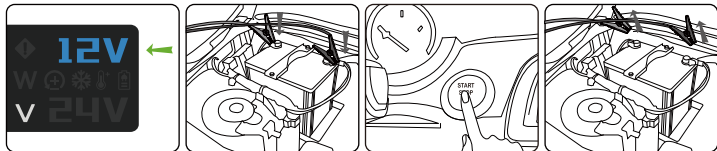
2.1.2 The positive and negative terminals of the Clamps are connected to the positive and negative terminals of the car battery respectively, and make sure that the connection is good;

2.1.3 Wake up the product, short press the "LED light switch button"  or "power on button" , the display panel is "12V" state, at this time if the detection meets the automatic start, it will enter the 10 seconds. Clip connection state detection countdown, after the countdown ends, the start indicator of the display panel flashes, and at the same time shows the actual voltage of the car, at this time, you can start the car operation;

2.1.4 If the car starts successfully, press the on/off button briefly to exit the start function and then disconnect the clamps;

In most cases, the vehicle will turn on successfully immediately on the first starting operation; if starting fails, check the contact position of the clamps and retry with no more than five consecutive starts in 15 minutes;



2.1.5 After the product is used, remove the clamps, long press the "switch button"  2S shutdown, if the product is not operated for 60S, the product is automatically shut down;



2.2 Mode 2: 24V Automatic Start

2.2.1 Verify that the car's starting voltage is 24V;

2.2.2 The positive and negative terminals of the clamps are connected to the positive and negative terminals of the car battery respectively, and make sure that the connection is good;

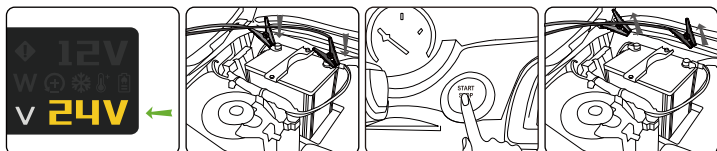
2.2.3 Wake up the product, short press the "LED light switch button"  or "power on button" ,

at this time if the detection meets the automatic start, it will enter the 10-second clip connection status detection countdown, after the countdown is over the start indicator light flashes on the display panel, the status indicator is "24V" state (if the display is "12V" state, the battery voltage is too low, you need to exit the start, re-use the forced start mode), while displaying the actual voltage of the car, at this time you can start the car operation;

2.2.4 If the car starts successfully, press the on/off button  briefly to exit the start function and then disconnect the clamps;

In most cases, the vehicle will turn on successfully immediately on the first starting operation; if starting fails, check the contact position of the clamps and retry with no more than five consecutive starts in 15 minutes;

2.2.5 After the product is used, remove the clamps, long press the "switch button" 2S shutdown, if the product 60S No operation, the product shuts down automatically;



2.3 Mode 3: Forced start

(Safety reminder: some of the safety protection mechanisms in this mode is invalid, need to be used with caution, be sure to prevent the positive and negative poles are shorted, otherwise it will lead to short-circuit accidents, you must check the manual before operation of the operating instructions)

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

Step 1: Confirm whether the car battery is 12V, or 24V;

Step 2: Connect the positive terminal of the clamp to the positive terminal of the car battery, and under the power-on state, long press the "corresponding button of the battery voltage (12V or 24V)" for 5S, then it can enter into the manual start mode, and at this time, the "start indicator" of the main interface will light up, and the status indicator shows "12V" or "24V", indicating that it has entered into the corresponding state; and the output of the clamps is turned on normally. At this time, the "start indicator" of the main interface will light up, and the status indicator will show "12V" or "24V", which means that the corresponding status has been entered; and the output of the clamps will be turned on normally, at this time, it is necessary to prevent the positive and negative poles from being short-circuited; **(In this mode, it is necessary to turn on the manual start function first, and then connect the positive clamps to the car battery, otherwise the output will not be turned on. (In this mode, you need to turn on the forced start function first, and then connect the positive clamp to the car battery, otherwise the output cannot be turned on).**

Step 3: Connect the negative terminal of the clamp to the negative terminal of the car battery (connection process, there will be a slight spark phenomenon, which is normal), and ensure that the connection is good. At this time, it shows the positive and negative voltages of the parallel connection between the starter power supply and the car, that is, you can start the operation of the car;

Short press the "Forced Start Button" or "Power On Button" to exit.

Note: The product has the best starting ability when it has more than two cells of power, and it can also start when it has two cells and less than two cells of power; if it cannot start normally, please charge it to ensure that the product has a better starting ability.

3. Clamp connection status display

In auto-start mode, after the clamps are connected to the car battery, it enters the 10-second detection countdown, if the Clamp connection stabilized, the corresponding clamp status indicator will be green; if the clamps are unstable Clamp connection, the corresponding clamp status indicator will be yellow, the clamp connection status can be adjusted in the process of the 10-second countdown; after the end of the 10-second countdown, it is necessary to reconnect the clamps to be able to measure again;

In manual start mode, the clamp status indicator shows a flashing yellow color;

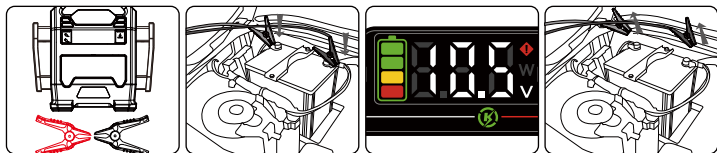
4. How to use the voltmeter function

4.1 The clamps are removed from the product;

4.2 Connect the positive and negative terminals of the clamps to the positive and negative terminals of the car's battery and make sure the connections are good;

4.3 After the 10-second countdown, the "Start Indicator Light" in the main interface lights up and the current battery voltage of the car is displayed;

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



5. How to use LED flashlight

1. Press and hold the "LED light switch button"  for 1S, the LED lights up;

2. Press and hold the "LED light switch button"  to change the mode: Long, Strobe, SOS, Close;

3. Press and hold the "LED light switch button"  button for 2S to force the LED flashlight off;

6. How to recharge your product

Tool preparation: DC power adapter

Use DC power adapter or other adapters to charge the product, the power indicator on the product screen shows a running light state, indicating that the product is charging normally;
When the product runs out of power or in the case of low battery, please charge it in time to prevent the battery from under-voltage abnormality.

Prolonged zero power status may result in the product not being able to be charged.

7. Charge Activation Fix

When the product is used for a long period of time and the "180" code appears, you can connect the charger for more than 48 hours of float charging to activate the repair of the battery and restore the battery capacity.

8. How to charge a cell phone using a 5V USB-A port

Tool Preparation: USB-A To USB-C Cable, Cell Phone

Connect port A of the USB cable to the product and port C to the phone's Type-c charging port to start charging.

9. How to use "Reverse Fast Charging Technology"

Once the car engine is started, leave the clamps connected for more than 30S to allow the engine to charge the product. Once product charging is complete, the RFCT will turn off to avoid overcharging.

Remarks:

1. The product will not shut off as long as the clamps is connected to the vehicle battery;
2. RFCT (Reverse Fast Charging Technology) may take more than 30S to replenish enough power for the next startup.

10. How to use "DC Output"

Tool preparation: cigarette lighter to DC (DC5525 adapter)






Insert the DC female connector (DC5525 adapter) into the DC discharge port of the product, and then connect the appliance to the cigarette lighter port to discharge the product (DC output)

11. How to use "DC Input"

Tool preparation: car charger head to DC (DC5521 adapter)

Insert the DC female connector (DC5521 adapter) into the DC charging port of the product, and then connect the car charger to the car cigarette lighter to charge the product.

12. Explanation of error code display

NO.	ERROR CODE	ILLUSTRATION	REASON/SOLUTION
1		Over Temperature Protection	Wait for the product to cool down
2		Low Temperature Protection	Use the product in a suitable temperature environment
3		Abnormal Fault	Restart the product / Contact After-Sale service
4		Clamps Reversed	Connect the battery correctly
5		Charging Reminder	Current jump-start capacity is insufficient, please charge and try again
6	180	Charge Repair	Connected to a charger for more than 48 hours of float charging
7	320	DC port output overcurrent	Target load current is greater than product output current
8	450	Auto start failure	After confirming the correct connection, please refer to the manual for forced start.
9	490	Target vehicle voltage out of range	Vehicle voltage is above or below the acceptable range for the selected mode, reselect the product mode or retry after charging

Caution

***The device has no user serviceable parts, do not disassemble the device without authorization, any maintenance should be handled by professional maintenance personnel.**

1. You must confirm the voltage of the battery of the vehicle you are using, and use it corresponding to the voltage status of the product to avoid causing safety accidents;
2. When the battery capacity is >50%, it can be used to start the vehicle quickly; an undercharged starting power source may not be able to start the vehicle efficiently;
3. It is normal for the unit to heat up a bit after the device is activated;
4. To maximize the life of the built-in battery, charge the device at least once every 3 months;
5. If the device leaks or emits any odor, stop using it and contact us immediately;
6. Do not connect the red clamp to the black clamp, this could be dangerous;
7. Use only the original clamps;
8. Keep away from fire and water. Avoid causing safety accidents;
9. Do not expose the device to temperatures above 60°C or to sunlight; store the starter power supply in a cool, dry place;
10. Do not disassemble or modify this product without approved authorization;
11. Do not the device by knocking, pressing or shaking it violently, as this may cause fire, explosion and combustion;
12. Do not use chemical cleaners to clean the starter power supply;
13. Keep this product away from children;

Processing of recycling

1. Do not dispose of it with other household waste at the end of its useful life to prevent irreparable harm 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 Regulations

For a period of twelve (12) months from the date of purchase by the user, we provide a limited warranty on this product against any defects in material and workmanship under the following conditions:

1. Proof of receipt (order page details/invoice, etc.) from the regular dealer channel must be provided by the purchaser to apply for after-sale;
2. The warranty does not cover damage or failure due to 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 during transportation by third parties or due to force majeure;
4. We are not responsible for any incidental or consequential damages arising from the use or misuse of this product;
5. All warranty claims are limited to the repair or replacement of defective products and are at our sole discretion;
6. If we repair or replace a product, the product will be covered for the remainder of the original warranty period. Repair or replacement may involve the use of functionally identical refurbished equipment, returned products or accessories, and we reserve the right to decide;
7. Expendable parts such as batteries are not included in the warranty;
8. Warranty regulations are subject to final change and interpretation by the merchant.



Grepow Inc.
290 Lindbergh Ave
Livermore, CA 94551
United State

Genspow GmbH
Ottostr.11
41352 Korschenbroich
Germany

service@lokithor.net
WWW.LOKITHOR.NET

