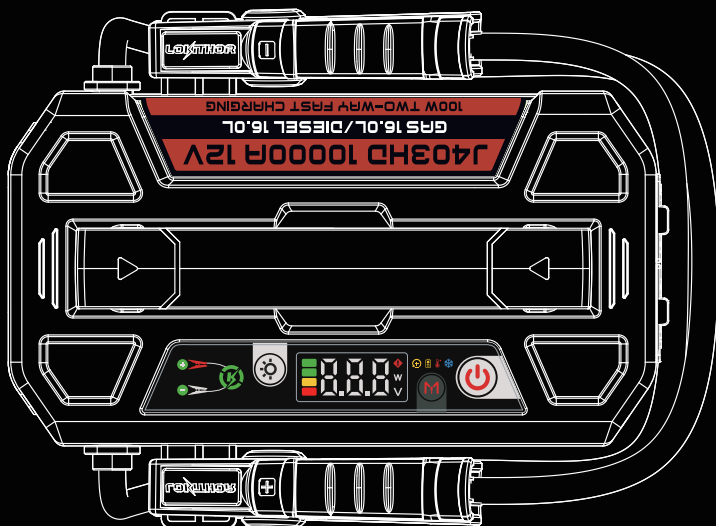


LOKTHOR

J403HD



The Force of Thunder in Hand

Contents

Safety Instructions	05
Specifications	06
Packing List	06
Product Overview	07
1. Key Instructions	07
2. Screen Instructions	07
3. Input/Output Instructions	08
Operation Process Instructions	08
1. How to power up Lokithor	08
2. How to use the jump-start function	08
3. Battery Clamp Connection Status (ConnectMax)	09
4. How to use voltmeter function	09
5. How to use LED lights	10
6. How to recharge the product	10
7. How to use the 5V USB-A port to charge your mobile phone ..	10
8. How to use the "Reverse Fast Charge Technology"	10
9. How to use "DC Input"	10
10. Error Code Display Description	10
Warnings	11
Recycling Treatment	11
Warranty Policy	11

Safety Instructions

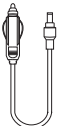
***Please read this instruction manual thoroughly before using your new Lokithor multi-function vehicle emergency Jump Starter**

1. Please follow all instructions in this manual for safe Lokithor operation. Failure to follow all instructions in this manual or improper use of Lokithor products may result in property damage and or personal injury.
2. Lokithor is designed for starting 12V engines. It is not designed for starting vehicles or engines exceeding product specifications in voltage or displacement.
3. Warning: when using FORCED START mode ALL Lokithor safety features ARE DISABLED. Use extreme caution: Do not allow the clamps to short together or touch when using FORCED START mode. Read and understand all safety procedures before using Forced Start mode.
4. For best longevity of your Lokithor product we recommend a quarterly maintenance program. Please fully charge your new Lokithor product when you receive it. After initial charge, inspect the charge level of the device every 3 months and charge if needed. Also you may use the power bank feature during this time to discharge the battery to approx 50% and then recharge Lokithor to full before placing it back in your vehicle. This good practice will help ensure you get the best product lifespan and that Lokithor is always ready for the next emergency.
5. Do not use a damaged Lokithor. If your device has had impact damage, has been hit, dropped or exposed to any other physical damage do not use it. Using a damaged Lokithor may cause a dangerous situation.
6. Do not attempt to use Lokithor while it is charging.
7. Do not disassemble the Lokithor. There are no user serviceable parts inside.
8. Use extra caution when working around or with car batteries and Jump starters. Avoid dropping metal objects on battery terminals while using Lokithor. Any metal object can cause a dangerous short circuit condition. This may result in equipment damage, explosion and or personal injury .
9. When using Lokithor for starting an engine, ensure that the positive and negative cable clamps are in good working condition and have a strong connection with the positive and negative terminals of the battery.
10. Do not allow sparks and or flames to contact the jump starter or engine.
11. To prevent short-circuit and or sparks from damaging the jump starter, make all connections to the engine battery before attempting to power on Lokithor. DO NOT clamp the positive and negative poles of the cable clamps to each other and DO NOT connect clamps to the same piece of metal(short circuit).
12. Lokithor is not intended for use by children. Do not leave the jump starter in a place where children can easily reach it.
13. Do not expose Lokithor to rain or snow.
14. Do not leave the Lokithor in extreme environments for long periods of time (extreme heat above: >131°F (55°C), or extreme cold below: <14°F (-10°C), humidity: >80% humidity).
15. When not using Lokithor please store it in a cool and dry place.
16. Please ensure a good maintenance program for your Lokithor: Charge it in a timely fashion after being used, or when it is in a discharged condition. Failure to do so may cause an over-discharge condition leading to low internal battery voltage or an out of power condition. Long periods of time with low or no power may cause permanent product failure.

Specifications

Model:	J403HD	Capacity:	236.8Wh	Starting Voltage:	12V
Starting Current:	5000A		Peak Current:	10000A	
Input:	USB-C: 5V / 3A, 9V / 3A, 12V / 3A, 15V / 3A, 20V / 5A (MAX 100W)				
	DC: 5-20V, 5A (MAX), (100W MAX)				
Output:	USB-A: 5V / 3A ,9V / 2A ,12V / 1.5A (QC 18W)				
	USB-C: 5V / 3A, 9V / 3A, 12V / 3A, 15V / 3A, 20V / 5A (MAX 100W)				
	DC: 12V / 10A				
LED Light:	400 Lumens		Clamp:	Red (+), Black (-)	
Charging Temperature:	0°C to 45°C (32 °F to 113 °F)		Working Temperature:	-20°C to 60°C (-4 °F to 140 °F)	
Storage Temperature:	-20°C to 50°C (-4 °F to 122 °F)		Charging Time:	About 1 hour	
Cycle Life:	>1000 cycles (With good condition)				

Packing List

Physical Product	Manual	USB - C To USB - C Wire
		
USB - A To USB - C Wire	12V Car Cigarette Lighter to DC-5521(Charging Wire)	Accessories Storage Bag
		

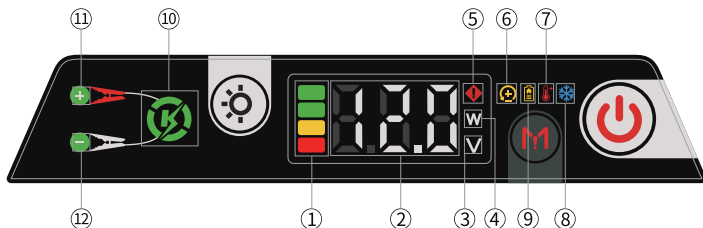


1. Key Instructions

No	Function	No	Function
1	Power button(Short press to turn on, long press 2 seconds to turn off) In working mode, short press to adjust the display brightness.	2	LED light button
		3	Forced start button (press and hold for 5 seconds to turn on)

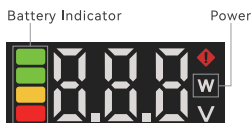
2. Screen Instructions

2.1 Functional Description

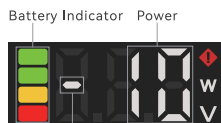


No	Function	No	Function
1	Battery Indicator	2	Digital Display Area
3	Voltage Indicator	4	Power Indicator
5	Error Indicator	6	Reverse Connection Indicator
7	High Temperature Indicator	8	Low Temperature Indicator
9	Charging reminder indication	10	Start Up indication
11	Positive Clamp Indicator (Green: Good connection Yellow: Poor connection)	12	Negative Clamp Indicator (Green: Good connection Yellow: Poor connection)

2.2 Charging Display Instructions



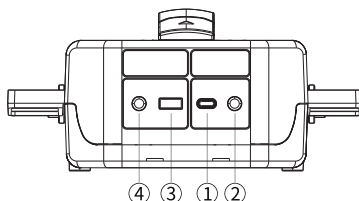
2.3 Discharge Display Instructions



Discharge indication

When the product is discharged via USB, the screen displays the discharge power rate and the discharge symbol '—'.

3. Input/Output Instructions



No	Functional Description	No	Functional Description
1	USB - C charge and discharge port	2	DC 5521 charge port
3	USB - A discharge port	4	DC 5525 discharge port

Operation Process Instructions

1. How to power up Lokithor

Short press on the "LED light button"  " OR "Power button"  "

2. Using the Jump-Start Function

2.1 Method One: 12V Auto Start

2.1.1 Ensure that the vehicle's electrical and starting system is a 12VDC system.

2.1.2 Connect the positive and negative clamps to the corresponding terminals on the vehicle battery, ensuring a secure connection.

2.1.3 To activate Lokithor, short press the "Power button"  "or the "LED light button"  ". It will initiate a 10-second countdown while it is verifying the clamp to terminal connection is good and correct. After the countdown, if the start indicator on the display panel flashes and shows the vehicle's actual voltage, the vehicle is ready to start.

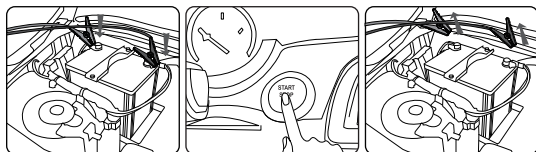
2.1.4 If the vehicle starts successfully, short press the power button to exit the starting function, and then disconnect the battery clamps.

In most cases, the vehicle will be able to start immediately after the jump starter has been connected. If the vehicle does not start immediately, please ensure the battery clamps have good contact with the battery terminals and try again. Do not attempt to start a vehicle more than five times within a 15 minute period.

2.1.5 Please remove the jump-start clamps from the car battery immediately after starting. Press the



"Power button" for 2 seconds to power off the jump starter. If there are no operations for 60 seconds, the product will automatically shut down.



2.2 Method Two: Forced Start

(SAFETY REMINDER: When using Forced Start mode, the anti-sparking function and some safety protection mechanisms are disabled. Be sure to connect to the positive and negative poles correctly. Failure to do so when using Forced Start mode will cause a short-circuit condition that may result in damage to the vehicle, Lokithor or both. Please read and thoroughly understand the instructions in the manual before using forced start mode. Use due caution when activating and using forced start mode.)

If the auto start feature fails to detect the vehicle battery, use forced start mode. Please strictly follow the following steps to use the forced start, otherwise this function will not work properly.

Step 1: Connect the RED(+) positive clamp to the vehicle battery's positive terminal. While the device is on, press and hold the "M" for 5 seconds to activate forced start mode. The "Start indicator" will

light up, showing the clamps is active.

Step 2: Connect the BLACK(-) negative clamp to the vehicle battery's negative terminal. Ensure the connections are secure. The jump starter's overall voltage, now connected in parallel with the vehicle, will display on the screen. Then start the vehicle.

After jump-starting successfully, press the "M" or "Power button" to exit.

3. Battery Clamp Connection Status (ConnectMax)

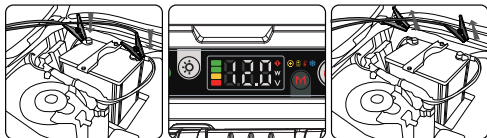
In auto start mode, when the clamps are connected to the vehicle battery, a 10-second countdown begins while Lokithor is checking the battery and connection. If the connection impedance is low, the clamp status indicator is green. If the impedance is high, the clamp status indicator is yellow. You can adjust the clamp connection during the countdown. After 10 seconds, you must exit the jump-start mode and make a new clamp to terminal connection to re-measure the connection impedance. When Lokithor is in forced start mode, the clamp status indicator always flashes yellow to advise caution during use.

4. How to use the voltmeter function

4.1 Connect the red(+) clamp to the positive(+) terminal of the battery and black(-) clamp to the negative(-) terminal on the battery, and make sure the connections are secure.

4.2 After the 10-second countdown for detection ends, the "start indicator" on the main interface lights up and displays the current battery voltage of the vehicle.

4.3 Disconnect the clamps from the vehicle battery to exit the voltmeter function mode.



5. How to use LED Lights

1. Long press the "LED Light button"  for one second to turn on the LED light.
2. Cycle through the LED light modes by pressing the "LED light button"  briefly. The modes include steady on, strobe, SOS, and off.
3. Press and hold the "LED light button"  for 2 seconds to turn off the LED light.

6. How to charge your jump starter

Tools: Power adapter (PD2.0/PD3.0), USB-C to USB-C wire, USB-A to USB-C wire.
Connect the USB wire's A end to the power adapter and the C end to the product's USB-C charging port. When the screen's power indicator lights up, it means the product is charging properly.
If the product has low or no power, charge it promptly to avoid low battery voltage.
Do not leave Lokithor in a discharged condition for extended periods. This may cause a condition that will prevent Lokithor from charging.

7. How to use the 5V USB-A port to charge your mobile phone

Tools: USB-A to USB-C wire, or USB-A to wire of your choice to charge mobile phones.
Connect the USB wire's A end to the product and the other end to the phone's charging port to start charging.

8. How to use the "Reverse Fast Charging Technology"

Once the car engine is started, leave the clamps connected for more than 30 seconds to allow the engine to charge the product. Once the product charging is complete, the RFCT(Reverse Fast Charging Technology) will turn off to avoid overcharging.

Remarks:

- 1.The product will not shut off as long as the clamps are connected to the vehicle battery;
- 2.RFCT may take more than 30 seconds to replenish enough power for the next startup.

9. How to Use the "DC Input"

Tools: 12V Car charger to DC (DC5521 adapter)
Insert the 12V DC connector (DC5521 adapter) into the DC charging port of the device, and then connect the 12V car charger to the 12V car cigarette lighter to charge the device.

10. Error Codes 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 to the vehicle battery correctly
5		Charging Reminder	Current jump-start capacity is insufficient, please charge and try again
6	430	External Battery Voltage Exceeds Device Voltage	Please charge and try again or check if device connected to a 24V battery
7	450	Automatic start failed	Confirm correct connections and use manual start as outlined in the instructions

Warnings

*** Do not disassemble the product as there are no user-serviceable parts.**

Make sure to match the vehicle's battery voltage with the product's voltage to avoid safety risks.

1. Lokithor can start a vehicle when it's battery capacity is over 50%. If the state of charge is too low, Lokithor may not be able to start your vehicle.
2. It is normal for the device to get slightly warm after use.
3. To maximize battery life, charge the device at least once every three months.
4. If you notice leaks or unusual smells, stop using the device and contact us immediately.
5. Do not connect the red clamp to the black clamp. This is a short circuit condition and is dangerous.
6. Use only Lokithor Jumpstarter brand battery clamps. We can not ensure safety with use of any other device or clamp connected to Lokithor.
7. Do not expose Lokithor to fire or water as this has the potential to create a dangerous situation.
8. Do not expose Lokithor to temperatures above 60°C or direct sunlight. Store it in a cool, dry place.
9. Do not disassemble or modify Lokithor in any way.
10. Do not drop, or crush Lokithor as this could cause fire and or explosion.
11. Do not use chemicals or solvents to clean Lokithor.
12. This product is not intended for use by children.
13. Keep out of reach and away from children.

Recycling Treatment

1. Do not dispose of this product with regular household waste when it reaches the end of its life, this could harm the environment or human health.
2. Keep it separate from other waste and recycle it responsibly to promote sustainable resource use.

Warranty Policy

We offer a limited warranty on the product 12 months from the date of purchase on any defects in materials and workmanship. Conditions are as follows:

1. The buyer must provide proof of purchase (details including date and store on the order page/invoice, etc.)
2. This warranty does not cover damage or malfunction caused by normal wear and tear, physical damage to the product, improper installation, misuse, abuse, modification or unauthorized repairs by third parties.
3. The manufacturer shall not be liable for any loss or damage caused in transit by a third party or by force majeure.
4. The manufacturer is 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 the product, the product will be covered for the remainder of the original warranty period. We reserve the right to repair or replace refurbished equipment, products or accessories which may involve the use of the same functions.
7. Consumable parts, such as batteries, are not covered by the warranty.
8. The manufacturer reserves the right to change and interpret these terms and conditions of the warranty at its own discretion.

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

Genspow GmbH
Ottostr.11
41352 Korschenbroich
Germany

service@lokithor.net
WWW.LOKITHOR.NET



