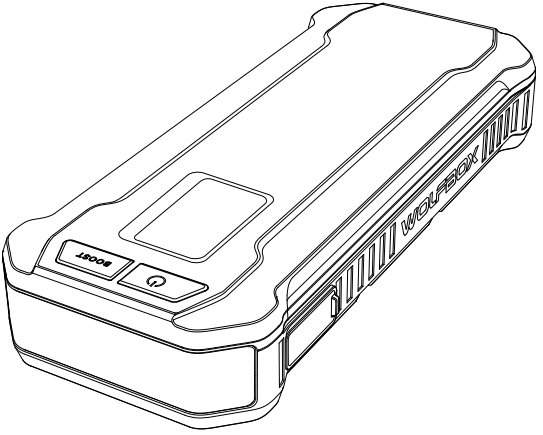
V1.1

WOLFBOX

Drive on. Always on.



MegaVolt24

User Manual

wolfbox.com

The information in this manual is subject to change without notice.

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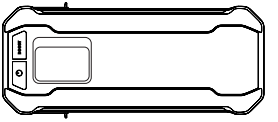
Precautions

- Thank you for choosing the Wolfbox Jump Starter. To ensure a good user experience, personal safety, and property security, please carefully read all instructions before using this product, and keep this manual for reference.
- It is recommended to charge the product before initial use!
- While reading this manual, you can start charging the MegaVolt24 with the included charger or wall charger.

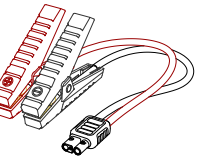
Warning:

This device is designed for vehicles (equipment) with 12V batteries. Using it with other types of batteries may pose a risk. Please read and understand the safety information before use.

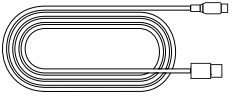
Packing list



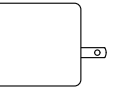
- Jump Starter Host machine



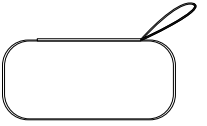
- Jumper Cable



- USB-C to USB-C Cable



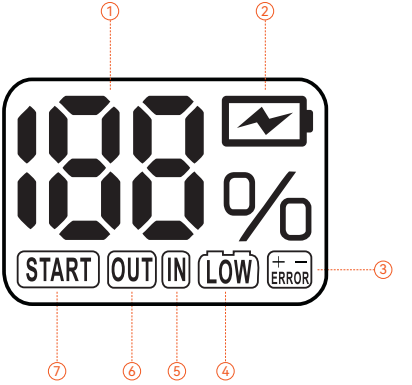
- 65W USB C Wall Charger



- EVA Pack

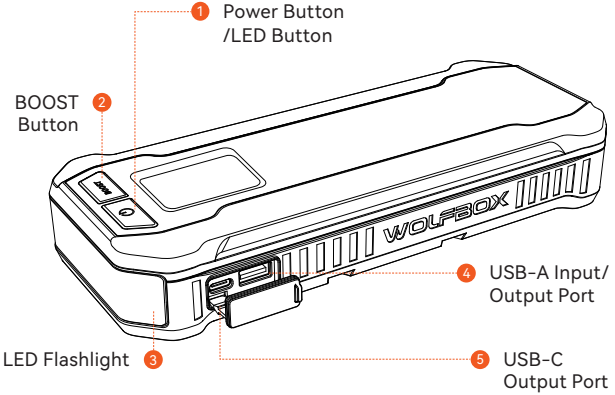
- User Manual

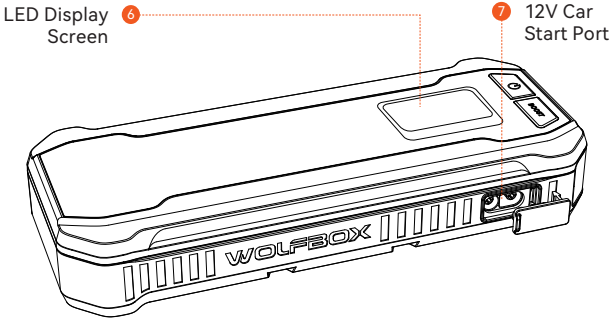
LED Display Instructions



1. Battery Percentage
2. Fast Charging Mode for Jump Starter
3. Reverse Polarity Alarm
4. Low Voltage
5. Input
6. Output
7. Car is Ready to Start / BOOST Start

Parts and Functions Introduction





Feature 1: How to Start a 12V Vehicle

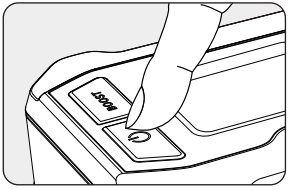
(Ensure Battery Level >50%)

• Normal Start

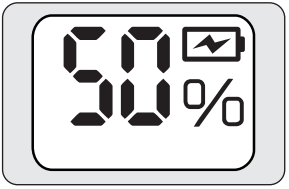
Caution:

Do not press the BOOST button before properly connecting to the vehicle battery.

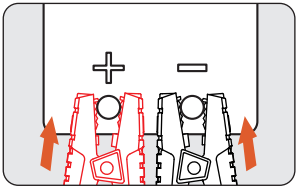
1. Press and hold the power button for 2 seconds to turn on MegaVolt24.

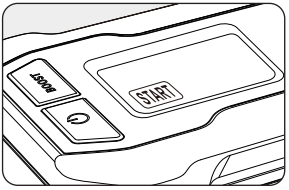


2. Ensure that the MegaVolt24 battery level is not below 50%.

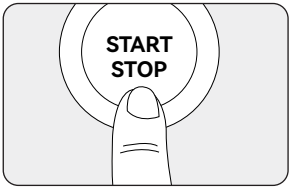


3. Attach the red clamp to the positive (+) terminal of the battery and the black clamp to the negative (-) terminal. Greenlight displays "START".

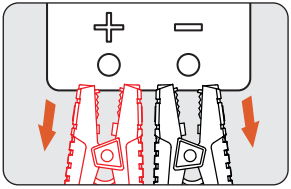


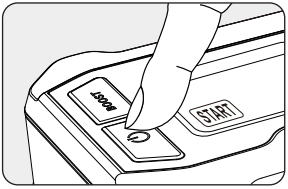


4. Start the vehicle.



5. Remove the clamps and press and hold the power button for 2 seconds to turn off MegaVolt24.

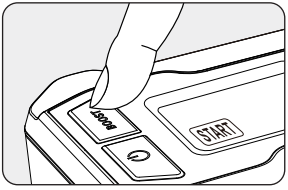


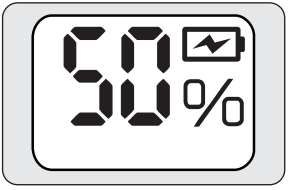


• BOOST Start

1. When unable to use the regular start function, press and hold the BOOST button for 2 seconds. MegaVolt24 will power on.Greenlight displays "START".

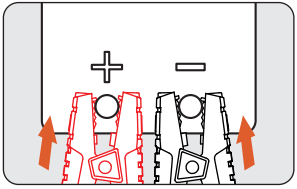
2. Ensure that the MegaVolt24 battery level is not below 50%.

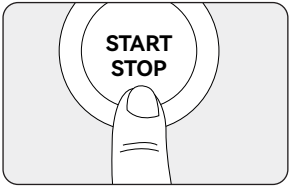




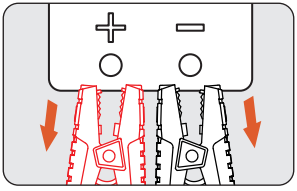
3. Attach the red clamp to the positive (+) terminal of the battery and the black clamp to the negative (-) terminal.

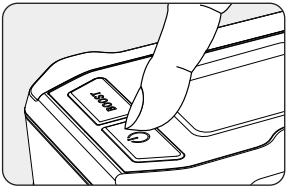
4. Start the vehicle.





5. Remove the clamps and press and hold the power button for 2 seconds to turn off MegaVolt24.



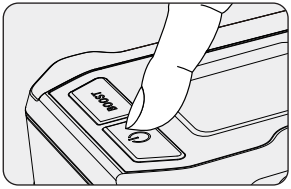


Caution:

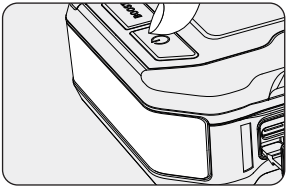
1. Use the BOOST function only if normal vehicle start procedures fail.Avoid activating BOOST when the vehicle voltage is greater than 9V or when regular start features are operational.
2. If the start light goes off during boost, it means the jumper cables aren't connected well. Check and secure the clamps before restarting the vehicle.

Feature 2: LED Light Mode Switching

1. After pressing and holding the power button for 2 seconds, short press the power button to activate the LED light function.



2. Short presses will cycle through different lighting modes: steady, white strobe, SOS. (Include visual indicators)

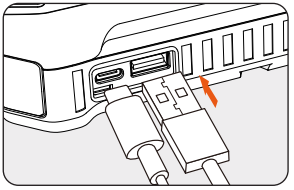


Tip:

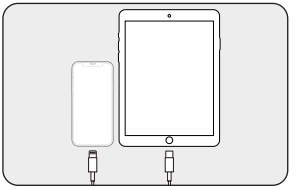
LED flashlights cannot be used without turning on the device.

Feature 3: Charging Mobile Devices/ Tablets, etc

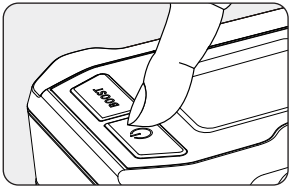
1. Connect the USB plug of the adapter cable to the main unit's USB-A/USB-C output port.



2. Connect the charging adapter to your mobile device/tablet or other electronic products.



3. Press and hold the power button for 2 seconds to turn on the device and initiate charging for your mobile device/tablet.

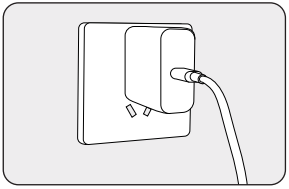


Tip:

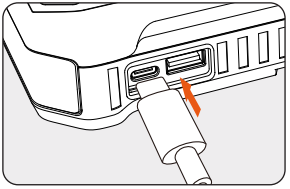
Charging is only possible when the device is turned on.

Feature 4: Charging the Product Main Unit

1. Plug the provided fast charger or a compatible charger into a power outlet.



2. Insert the plug of the fast charger or a household charger into the USB-C input port of the MegaVolt24 main unit.



* It is recommended to use the provided cable.

Automatic Shutdown Mechanism:

To preserve the startup power source, we have implemented an automatic shutdown mechanism during prolonged periods of inactivity.

1. In the case of the light being turned on, the system will automatically shut down after 4 hours.
2. If the light is not in use, the system will automatically shut down after 2 minutes of standby.

Automatic Power-on Mechanism:

When switched off and the MagaVolt24 and your car are connected normally, the MagaVolt24 will automatically turn on.

Technical Specifications

Model	MegaVolt24	Battery Capacity	88.8Wh/ 24000mAh
Starting Current	1000A	Peak Current	4000A
USB-C Input/Output	PD65W(5V/3A , 9V/3A , 12V/3A , 15V/3A , 20V/3.25A)		
USB-A Output	QC3.0 18W (5V/3A , 9V/2A , 12V/1.5A)		
Operating Temperature	-20℃ ~ 60℃ / -4℉ ~140℉		
Full Charge Time	Approximately 1.5-2 hours	Weight	3.38lb
Dimensions (L*W*H)	9.33 x 3.86 x 1.5inches		

Frequently Asked Questions (FAQ)

- **How to turn off the portable power source?**
  Press and hold the power button for 2 seconds to power off, or it will automatically shut down after 2 minutes of standby.
- **How long does it take to charge the MegaVolt24 main unit?**
  You can use the provided 65W fast charger for charging, and it takes only 1.5 hours to charge the MegaVolt24.
- **Does this unit come with a charger for the jump starter? Is the USB-C port Power Delivery, and if so, what's the wattage?**
  Yes, MegaVolt24 includes a 65W fast charger with a USB-A output port and a 65W Power Delivery port. You can use it to charge any electronic device.

- **How many times can MegaVolt24 start a car?**
  It can consecutively start a car approximately 40 times.
- **What is the lifespan of MegaVolt24?**
  Under normal usage conditions, it can last 3-5 years.
- **If MegaVolt24 is fully charged but not in use, how long can it still start a car?**
  The circuit design of MegaVolt24 is scientifically engineered. It can be stored for 6-12 months without use, but for an extended lifespan, it is recommended to charge it every 3 months.
- **How to know if MegaVolt24 is charging when plugged in?**
  MegaVolt24 comes with an LED screen that displays the charging status.
- **What is the maximum and minimum temperature that this jumper cable can withstand? Can I leave it in my car during both summer and winter?**
  The jump starter can be stored between -20°C to 60°C / -4°F to 140°F, allowing you to leave it in your car during both summer and winter without any issues.
- **What is the best way to stow this item?**
  MegaVolt24 comes with a carrying bag. You can conveniently store it in this bag for easy use and portability.

Troubleshooting

LED Display	Reason	Operation
+ − ERROR Display in "red"	Jumper cables connected with reversed polarity to the car	Connect the battery clamps to the correct positive and negative terminals
LOW Display in "yellow"	Correctly connected car battery, but battery voltage is below 9V, and the core temperature is above 0℃/32℉	BOOST button for 2 seconds to use the forced boot function
OUT IN "OUT&IN" flashing	High-temperature protection activated, displaying core temperature overheating	When the core temperature reaches 55℃/131℉, the product activates temperature protection. Once the temperature drops to 45℃/113℉, it can resume output
IN "IN" flashing	Low-temperature protection activated, displaying core temperature too low	When the core temperature drops below -20℃/-4℉, the product activates temperature protection. It can resume output when the temperature rises to 0℃-3℃/32℉-37.4℉
START "Start"flashing	Buzzer sounding, silence after 30 seconds	Overcurrent detected, stop starting vehicle, disappear for 30S
	Within 10 minutes, if the vehicle is started more than 5 times, the buzzer will sound, and after 30 seconds, the buzzer will be silenced. The 'START' will continue to flash	Stop starting the vehicle,the safety mode will disappear after 10 minutes

Warning

WOLFBOX Two (2) Year Limited Warranty

- Carefully read the user manual before using this product.
- Do not substitute for car batteries.
- Do not use it as a toy.
- Close supervision is required when using this product near children to reduce the risk of injury.
- The product is intended for 12V vehicle starting; using it for other purposes may pose risks.
- Use the provided battery clamps; cease use if clamps or wires are damaged to avoid fire, electric shock, or personal injury.
- Do not short-circuit the positive and negative terminals of the battery clamps.
- Before starting, ensure the interface is free from rust and foreign objects. Connect the main unit securely to the battery clamps to avoid startup performance issues.
- Remove the product from the car battery within 30 seconds after successfully starting the vehicle to prevent damage.
- Do not start more than 3 times consecutively to avoid overheating and potential damage. Wait two minutes between each start during multiple starts.
- Do not use clamps to power other devices.
- Do not expose the product to environments exceeding 60°C.
- Charge the product at an ambient temperature ranging from 0°C to 45°C.
- Do not immerse the product in water.

- Keep the product away from extremely hot conditions or fire.
- Do not operate the product in explosive environments with flammable liquids, gases, or dust.
- Ensure that someone is within hearing distance or capable of assisting when using the product.
- Remove metal jewelry such as rings, bracelets, and necklaces before using the product.
- To reduce the risk of damage to the power plug and cable, disconnect the main unit from the clamps at the plug location.
- Do not use damaged or modified battery packs; unpredictable consequences may occur, leading to risks such as fire, explosion, and injury.
- Use the provided charger or a charger with the same specifications as the main unit's input for charging.
- Do not charge the product immediately after starting a vehicle.
- Do not start the vehicle while charging the main unit.
- In extreme cases, battery leakage may occur. Do not touch the leaked substance with bare hands or skin. If contact occurs, wash with soap and water. If it enters the eyes, rinse with cold water for at least 10 minutes and seek medical attention immediately.
- Dispose of products using lithium batteries by local regulations at the end of their service lifepan.

Customer Service Center

If you have any problems with the function or installation, please feel free to reach us.

Help Center

WhatsApp

WOLFBOX

For more information:

service@wolfbox.com

www.wolfbox.com

https://wolfbox.com/contact-us

WOLFBOX

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RoHS

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