

MINI/BATT

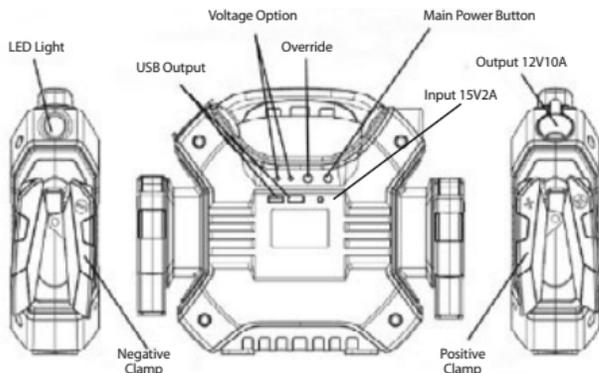
USER MANUAL

Thank you for choosing the 12/24V Lithium-Ion Intelligent Jump Starter! Always follow basic safety precautions when using electrical appliances. Read all instructions carefully, Please keep this instruction manual for easy reference.

Model:
miniBatt MONSTER 24V

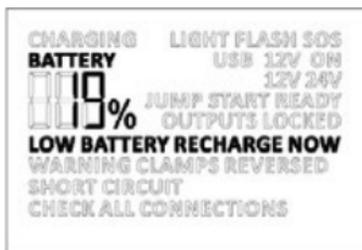


A. COMPONENTS AND CONTROLS:



B. CHECK BATTERY CAPACITY:

LCD display shows the percentage of remaining capacity after press Main Power Button. **NOTE: The LCD display will show "LOW BATTERY RECHARGE NOW" given the capacity less than 20%, please charge the device before use.**



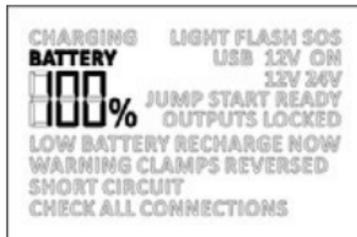
C. CHARGE THE DEVICE:

WARNING! Please only use our standard adapter, otherwise damage may occur.

WARNING! Please do not use the device while being charged, keep the device away from the place easy to catch fire when being charged.

NOTE: Please full charge the device before first use.

NOTE: The LCD display will reflect the charging status dynamically, and show "100%" once the device is full charged.



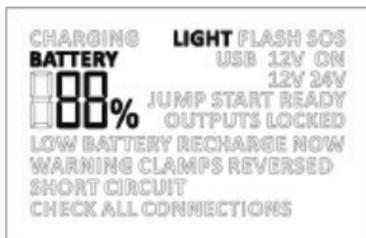
Use AC adapter

1. Plug A/C adapter to home socket;
2. Connect AC adapter to 15V2A input port, then LCD display will show "CHARGING BATTERY"; it indicates the device begins to be charged.
3. LCD display shows the percentage of capacity dynamically until the device is full charged, when LCD display will show 100%;
4. Please disconnect AC adapter from the device and home socket after full charged.

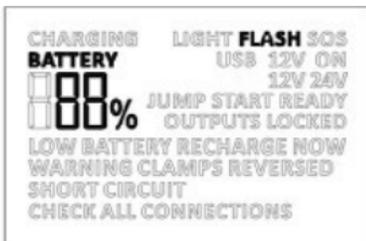
D. OPERATING INSTRUCTIONS:

LED Light Instructions

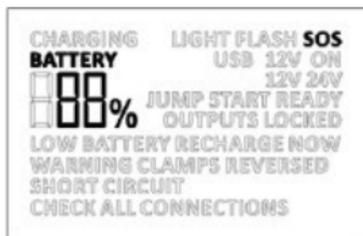
1. LED light has 3 modes, LIGHT, FLASH and SOS.
2. Press and hold the **Main Power Button** about 2 seconds to turn the light on, when LCD display will show "LIGHT".



3. Press the Main Power Button again, LCD display show "FLASH", LED light enters FLASH mode;



4. Press the Main Power Button again, LCD display show "SOS"; LED light enters SOS mode;

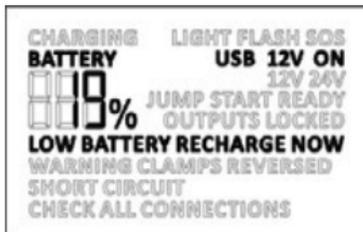


5. Press the Main Power Button again, turn off LED light.

Charging Cell Phone Or Tablet PC Instructions.

The device has two USB output ports, both has same 5V voltage but share 3A together.

1. Press the **Main Power Button**, LCD display shows "USB 12V ON"
2. Plug the phone cable into USB output port of the device;
3. Choose the the appropriate connector, plug it into cell phone or Tablet PC;
4. Then cell phone and Tablet PC begins to be charged.
5. Remove the cable from the device after the charging is finished.



POWER SUPPLY TO 12V VEHICLE ELECTRONICS

Output 12V10A port provides continuous **12V output, at Maximum 10Amp load** with standard cigarette lighter socket, to power supply 12V DC devices such as tire inflator, cooler, OBDII memory saver, etc.

1. Confirm the capacity of the device full, otherwise charge it full when necessary;
2. Make sure that vehicle electronics are turned off before work, and the required current does not exceed 10A.
3. Plug the car electronics into the 12V10V output port of the jump starter;
4. Turn on car electronics, the device begins to supply power;
5. Turn off electronics after finish using, and remove the jump starter;
6. Recharge the jump starter.

Jump Start a Vehicle

WARNING! DO NOT OPERATE WITH DAMAGED CORD OR CLAMP. NOTICE! In order to avoid damaging the vehicle's electrical system, please do not use the jump starter unless car battery is installed in the vehicle.

Intelligent Diagnosis

WARNING! DO NOT PRESS OVERRIDE BUTTON, OTHERWISE VEHICLES' ELECTRICAL SYSTEM IS POSSIBLY DAMAGED. WARNING! DO NO TOUCH POSTIVE AND NEGATIVE BATTERY CLAMPS TOGETHER.

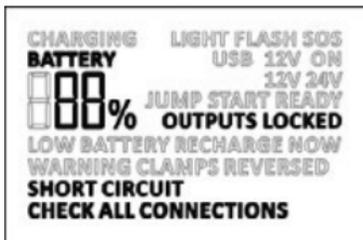
1. Confirm the Jump starter is full, otherwise please full charge it;
2. Turn off the vehicle ignition switch and all electronics (lights, radio, climate control, etc.)
3. Make sure to connect red clamp to vehicle battery's positive battery terminal, black to negative;
4. LCD display will show "12V JUMP START READY" or "24V JUMP START READY" after clamps are connected right.



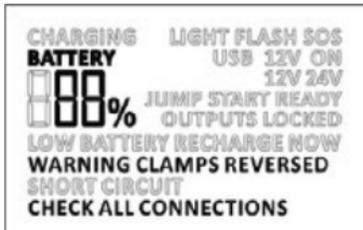
5. Crank the engine.
6. **If the vehicle does not start after 5 to 8 seconds, stop and try again.**
7. After the vehicle is started, remove clamps from car battery.
8. Recharge the jump starter.

CAUTIONS

A) When alarm rings, and LCD display shows **“OUTPUTS LOCKED”** **“SHORT CIRCUIT”** and **“CHECK ALL CONNECTIONS”**; it indicates that clamps are touched together. Please disconnect clamps immediately, correct clamps connection before resume the operation.



B) When alarm rings, and LCD display shows **“WARNING CLAMPS REVERSED”** **“CHECK ALL CONNECTIONS”**, it indicates clamps are connected to car battery wrong, please disconnect clamps immediately, and correct clamps connections before resume the operation.



Override Button Instruction

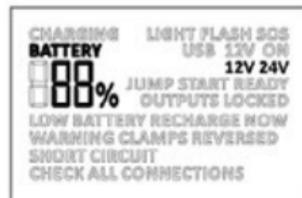
WARNING! DO NOT use Override Button unless the jump starter failed to detect vehicle's battery working voltage.

NOTE: When vehicle's battery is complete dead, the jump starter is unable to detect battery voltage automatically. Consumers need determine the working voltage right and "override" the jump start.

1. Turn off the vehicle ignition switch and all accessories (lights, radio, climate control, etc.);
2. Make sure to connect clamps to car battery poles right, red clamp to positive terminal, black to negative;
3. Determine the vehicle 12V or 24V by referring to the vehicle owner's manual.

If vehicle is **12V**, please press **VERRIDE** button, LCD display shows **12V 24V** (see image A), then press **12V** button, LCD display shows **“12V JUMP START READY”** (see image B);

If vehicle is **24V**, please press **VERRIDE** button, LCD display shows **12V 24V** (see image A), then press **24V** button, LCD display shows **“24V JUMP START READY”** (see image B);



4. Crank the engine within 30seconds.
5. If the vehicle does not start after 5 to 8 second, stop and try again.
6. After the vehicle is started, remove clamps from car battery.
7. Recharge the jump starter.

E. PARTS LIST:

#	Parts Name	Quantity
1	Host	1
2	Wall adaptor	1
3	Switch cable	1
4	User Manual	1

F. SPECIFICATIONS:

Dimension:	292 x 233 x 79mm
Weight:	2700g
Starting Current:	12V 600A; 24V 300A
Peak current:	12V 1200A; 24V 600A
BatteryLithium Iron Phosphate:	35,000mAh
12VDC Power Output:	10A
USB Output:	5VDC, 2A x 1 and 1A x 1
LED Flash light:	3W/250 Lumens
Fully Charging Time:	About 7 hours

G. TROUBLESHOOTING:

Problem	Possible Causes	Likely Solutions
Alarm rings and LCD display shows "OUTPUT LOCKED."	Battery Clamps are connected wrong or there is a short circuit.	Disconnect clamps immediately. Correct Clamp connections before resume the operation.
The device fails to jump start vehicle.	1) Battery clamps are out of work. 2) Jump starter is flat 3) Jump starter is damaged.	1) Repair or replace clamps or cord. 2) Recharge the jump starter to full. 3) Please check with the local dealer. *Service must be performed only by a qualified technician.
LCD display shows "OUTPUT LOCKED" and keeps winking.	Self-protect after 3 operations within short time.	Leave the jump starter alone 2 minutes before resume the operation.
LCD display is blank, shows no message	1) USB output or 12V DC output may be overload or a short circuit may occur, accordingly the device is locked for safety. 2) The jump starter is empty	1) Press Main Power Button to unlock the unit and resume operation. 2) Recharge the jump starter

I. WARNING:

1. Read the instruction manual carefully before operate the device.
2. Please jump start 12V/24V vehicles only, do not use it on other machines such as aircraft ship and so on, otherwise hazard may occur
3. Please take car while operating the device.
4. DO NOT use this unit in case any cable clamp or cord is damaged.
5. DO NOT use the product in replacement of a vehicle battery.
6. DO NOT use as a battery charger.
7. Never remain the unit on car battery after vehicle is started.
8. Use the jumper cable provided with this unit only.
9. Make sure to check all the battery connections are CLEAN before Jump Start! Make sure the battery clamps are well connected! If the battery terminals on the vehicle are dirty or corroded, the power of the unit will be wakened.
11. Do NOT Jump Start more than 3 times in a row, otherwise the device is possibly damaged by overheat. For the sake of saafety, please keep 2 minutes between every operation.
12. Remove the product from the vehicle battery within 30 seconds after Jump Start. If not, the damage may occur.
13. Do NOT connect the two clamps together.
14. Do NOT jump start unless there are 3 to 4 indicators on.
15. Do NOT let young or infirm persons use without supervision.
16. Do NOT use as a toy.
17. Do NOT allow the product to become wet.
18. Do NOT immerse the product in water.
19. Do NOT operate the product in easy-to-explode atmospheres, such as in the presence of flammable liquids, gases or dust.
20. Do NOT modify or disassemble the device. Only a repair technician may repair this unit.
21. Do NOT expose product to extreme heat or fire.
22. Make sure someone should be within range of your voice or close enough to come to your aid when working with batteries.

23. Remove personal metal items like rings, bracelets, necklaces, etc. When using the products.
24. Do NOT drop unit. If unit receives a sharp blow or is otherwise damaged in any way have it checked by a qualified battery technician.
25. Do NOT store in locations where the temperature may exceed 70
26. Charge only at ambient temperature between 0 and 60 .
27. Charge only using the charger provided with this unit.
28. Do NOT use the unit to jump start a vehicle while charging the internal battery.
29. If this unit is leaking liquid dispose of at proper recycle facility immediately.
30. Under extreme conditions, battery leakage can occur. If a liquid is noticed coming from product do not handle with bare hands. In case of skin contact wash with soap and water immediately. If liquid comes in contact with eyes rinse eyes with cold running water for at least 10 minutes and get medical attention immediately.
31. Product contains lithium based battery, at end of product life dispose of product according to local regulation.

I. WARRANTY INFORMATION:

1. We offer a limited warranty for this product against any defects in material and workmanship for a period of 6 months from the date of purchase by the enduser / consumer. The conditions of the warranty are as follows:
2. The warranty is only valid upon presentation of the original receipt (from dealer/retailer) by the original purchaser with the product to be repaired or replaced.
3. The warranty is void if the serial number, date of purchase and label has been removed.
4. The warranty does not cover damage or product failure resulting from normal wear and tear, physical abuse, improper installation, misuse, modification or repairs by unauthorized third parties.
5. We do not assume responsibility for any loss or damage incurred during shipment or as a result of a force majeure.
6. We are not liable for any incidental or consequential damages arising from the use or misuse of this product.
7. All warranty claims are limited to repair or replacement of the defective product and at the sole discretion of us.
8. If we repair or replace the product, the product will be covered for the remaining time of the original warranty period. Repair or replacement may involve the use of reconditioned units which are equivalent in function. Replaced part or product becomes the property of us.
9. Consumable components such as batteries are not covered by the warranty.



OVERCHARGE AND
OVERDISCHARGE



FUSE PROTECTION



AGAINST-REVERSE PLUG



Applied Standard: GB/T 18287 - 2000

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