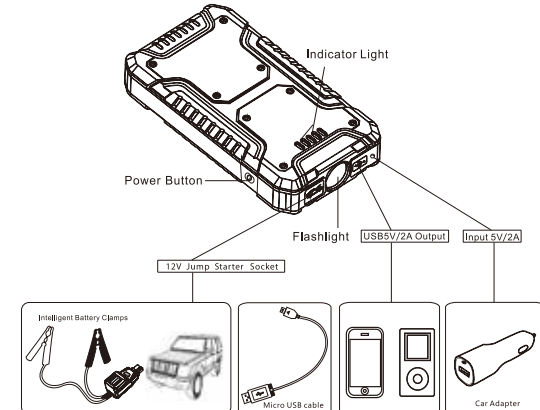




JUMP STARTER V8 USER MANUAL

Thank you for purchasing the ToughTested® Jump starter V8. Before operating your new device, please read this user's manual carefully. This manual will inform you of the ToughTested® Jump starter V8's specifications and proper operation procedures, safety warnings and other useful information. Please keep this manual for easy reference.

PRODUCT LAYOUT:



PARTS LIST :

| # | Parts Name | Qty | # | Parts Name | Qty |
|---|-----------------|-----|---|-----------------------------|-----|
| 1 | Jump starter V8 | 1 | 4 | Ingenious Sparkproof clamps | 1 |
| 2 | Micro USB cable | 1 | 5 | User Manual | 1 |
| 3 | Car Adapter | 1 | | | |

BATTERY CAPACITY INDICATOR LIGHTS: Press the Power button lightly to check the remaining battery level.

| Indicator lights | Unit | 1 Flashing | 1 solid | 2 solid | 3 solid | 4 solid | 5 solid |
|------------------|------|------------|---------|---------|---------|---------|---------|
| Battery level | 0% | 10% | 20% | 40% | 60% | 80% | 100% |

SPECIFICATIONS :

| |
|--------------------------------------|
| Size : 142*77*26mm |
| Weight : 310g |
| Output : 5V=2A; 12V Jump start |
| Input : 5V=2A |
| Battery Capacity : 7500mAh |
| Jump start current : 250A ~500A |
| Operating temperature : -20°C ~ 60°C |

*Recommended Vehicle Engine Displacements for Jump Starting:
Up to 8-cylinder petrol vehicles = 5 displacement (5000cc or below)
Up to 6-cylinder diesel vehicles = 3.0 displacement (3000cc or below)*

HOW TO CHARGE THE JUMP STARTER V8:

Use the supplied 12V DC car adaptor and charge from the socket of the cigarette lighter.
OR
Any AC adaptor with 2A USB output connected via the Micro USB cable.

HOW TO JUMP START A VEHICLE:

Before jump starting the vehicle, make sure the battery level of the Jump starter V8 is above 60% (At least 3 indicator lights stay ON).

JUMP STARTING STEPS:



1. Plug the Ingenious Spark-proof clamps into the jump starter.
2. Connect Red clamp to the positive (+) battery terminal first, then connect Black clamp to the negative (-) battery terminal.
3. Before Jump Start, check the Jump Start Indicator light which located next to the 【BOOST】 button.
 - a. If the green indicator light is on, means ready to jump start.
 - b. If the red indicator light is on, means incorrect connection of the clamp and battery terminal, please double check.
 - c. If the red indicator light is blinking, means the Over Discharge / Reverse Charge protection is activated or Low Battery.
 - d. If no lights on, please press the 【BOOST】 button by 3 seconds, until the green indicator lights up, means ready to jump start.
4. Once the vehicle is started up, remove the jumper cable clamps from the vehicle battery terminals.

⚠ JUMP STARTING WARNINGS!

- Do not touch the RED and BLACK clamps together or connect both to the same piece of metal to prevent physical injury and damage to the vehicle.
- Do not use the jump start cable for any other purpose other than jump starting the vehicle.
- Always check if the jumper clamps are well connected, check if the jumper cable is well connected. DO NOT jump start again after 3 attempts. Otherwise, it will damage the host. And check your vehicle if it has other problems.

- Stay clear of batteries while jump starting.
- Use in a well ventilated area. Shield eyes with safety glasses or goggles.
- Turn off the ignition before making cable connections.
- Never connect to the fuel line, fuel injector or carburetor as the engine ground.
- Keep away from children to avoid any accident.

HOW TO CHARGE MOBILE ELECTRONIC DEVICES:

1. Make sure the electronic device is 5V powered.
2. Connect the supplied USB cable to the USB output port of the Jump starter V8 and connect to the electronic device for charging. (If the supplied cable is not suitable for your device, you can select your own appropriate USB charging cable).
3. The USB port will accept standard USB cables included with your electronic device.
4. Press the Power button to start charging the electronic device.

How to Turn On the LED Light:

Press and hold the Power button for 3 seconds to turn on. Press 3 times to turn off the LED Light.

HOW TO TURN OFF THE JUMP STARTER V8?

The Jump starter V8 has an auto turn-off feature. Once the connected electronic device has been fully charged or no load to the charger, the Jump starter V8 will automatically stop charging and enter into sleeping mode.

FAQ:

- Q1: What are the features of the Jump starter V8?
A1: Apart from jump starter function, the Jump starter V8 can be used to charge portable electronic devices, such as mobile smart phones, tablets, portable gaming system, digital cameras, camcorders, portable GPS devices, and any other DC 5V powered electronic devices.
It can also jump start a drained car battery with the supplied jump start cables. There's also an included ultra-bright LED light that can be used as a torch light.

- Q2: How does the Ingenious Spark-proof clamps work?
A2: If the green indicator light is on, means ready to jump start; If the red indicator light is on, means incorrect connection of the clamp and battery terminal, please double check; If no lights on, please press the BOOST button by 3 seconds, until the green indicator lights up, means ready to start; If the red indicator lights flash, means the jump starter with low battery, need to recharge.

- Q3: Will reversing polarity connections of the jump start cable damage the vehicle?
A3: Not at all, the Jump starter V8 is very safe with "Dual Reversing Polarity Protection". If you accidentally connect the RED and BLACK cable clamps to the wrong polarity terminal and attempt to jump start the vehicle, the ingenious spark-proof clamps (the red indicator lights is on) will cut the power immediately to prevent injury and avoid damaging the vehicle.

- Q4: What if it doesn't jump start the vehicle?
A4: If the Jump starter V8 fails to jump start the engine, please wait at least 10 seconds before attempting to try again and please do not continuous cranking for over 5 seconds each time. If still not succeed after 3 attempts, it may be due to other problems of the vehicle. Do not try to crank the engine continuously for more than 10 times in a row. It is also highly recommended to replace the vehicle battery once every 2-3 years.

- Q5: How many times can the Jump starter V8 jump start a vehicle?
A5: Approximately 20 times with a 100% fully charged battery. Results may vary depending on user usage and vehicle engine displacement.

- Q6: How long is the Jump starter V8 standby time?
A6: The standby time of the Jump starter V8 is up to 6-9 months if it is fully charged. It is recommended to charge the Jump starter V8 every 3 months to prolong its service life. Result may vary depending on the owner usage.

- Q7: How long will it take to fully charge the Jump starter V8 to the maximum battery level?
A7: It takes about 4 to 6 hours through the 5V/2A input port. If the USB adaptor is 5V/1A, it may take 10-12 hours (not recommended to use 1A adaptor)

- Q8: How long will it take to fully charge a mobile phone?
A8: It will take about 1 hour.

TROUBLE SHOOTING:

| Finding | Cause | Remedies |
|--|---|---|
| The indicator light is off on the Ingenious Spark-proof clamps controller after connecting to the vehicle battery. | The vehicle battery is either at ZERO volt or is not connected with a battery. | Hold the BOOST button on the controller for 3 seconds until the Green light is on and it's ready to jump start. |
| Takes over 10 hours to recharge the Jump starter V8. | Incorrect AC adaptor being used to recharge the Jump starter V8. | Recommended to recharge it by 2A output USB adaptor. |
| There is no response when press the Power button on the Jump starter V8. | The low voltage protection is activated and the electronic circuit has been shut off. | Plug the charging adapter into the charging port to activate the electronic circuit. |

PROTECTION:



TOXIC AND HARMFUL SUBSTANCES:

| Composition and amount of toxic and harmful substances in Jump Starter | | | | | | |
|--|----|----|--------|-----|------|---|
| Pb | Hg | Cd | Cr(VI) | PBB | PBDE | |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 |

0 : Indicate all homogeneous materials' hazardous substances content are below the MCV limit specified in the Standard 2002/95/EC(RoHS).

⚠ Safety Warnings:
Failure to obey the safety warnings may result in electrical fire, electrical shock and damage to your vehicle.

- Always take care when using the product
- This product is not intended for use by young or infirm persons without supervision
- Do NOT throw or apply physical shock to the product
- Keep the product away from fire, heat and water.
- Use suitable AC or DC adaptor to charge the product. If the product appears abnormal in shape, immediately stop usage and disconnect all electronic devices.
- Do not use as a toy and keep away from Children to avoid any accident
- Do not allow the product to become wet
- Do not immerse the product in water
- Do not operate the product in explosive atmospheres, such as in the presence of flammable liquids, gases or dust
- Do not modify or disassemble Jump starter V8 to avoid shock hazard. Only a repair technician may repair this unit
- Do not expose the product to heat
- Do not store in locations where the temperature may exceed 60 °C
- Charge only at ambient temperatures between 0 °C and 60 °C
- Charge only using the charger provided with the product
- Under extreme conditions, battery leakage may occur.
- Carefully wipe the liquid off using a cloth and avoid skin contact when you notice liquid on the batteries. In case of skin or eye contact, rinse immediately with clean water and seek medical attention

WARRANTY INFORMATION:

We offer a limited warranty for this product against any defects in material and workmanship for a period of 1 year from the date of purchase by the end user/consumer. The conditions of the warranty are as follows:

1. 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
2. The warranty is void if the serial number, date of purchase and label are removed
3. 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
4. We do not assume responsibility for any loss or damage incurred during shipment or as a result of a force majeure
5. We are not liable for any incidental or consequential damages arising from the use or misuse of this product
6. All warranty claims are limited to repair or replacement of the defective product and at the sole discretion of us
7. 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
8. Consumable components such as batteries are not covered by the warranty



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