

POWERTECH

Ultra Compact High Power Jump Starter & Power Bank



User Manual

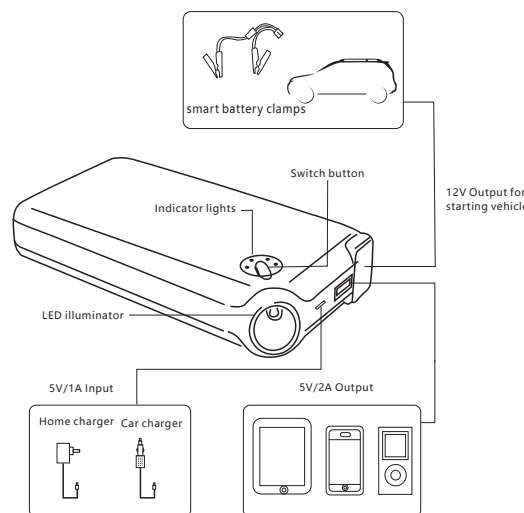
MB-3753

Please read this user manual carefully before using the device. Please follow all the instructions. Keep this manual in your vehicle for easy reference.

IMPORTANT

1. This device has 4 indicator lights. When there are two or fewer indicator lights on, it cannot be used to start a car, but it can still be used for charging devices from its USB socket.
2. If the car does not start after 3 attempts, remove the device and seek professional assistance.
3. This product is only designed to start cars that are in good mechanical condition, with a battery that is in likewise good condition, but has been allowed to run flat. (From leaving the lights on for example)
4. **This device is NOT a replacement for a car battery!** It is **only** intended to feed energy to a flat car battery to enable it to start the engine. **DO NOT** attempt to use this device start a vehicle where there is no battery fitted to the vehicle or the battery is completely dead or faulty (That is, where neither the dash display or radio show any sign of life). A correctly functioning car battery absorbs random voltage surges from the vehicle's charging system, this device will not do that! The resultant voltage surges can destroy your vehicle's engine management electronics. (You may have seen TV commercials for similar products starting multiple cars with no battery fitted; **DO NOT TRY THIS!**)

2



CONTENTS

- 1 x Battery Pack
- 1 x USB to Type-C / Micro USB / Lightning Cable
- 1 x Cigarette Lighter to USB Charging Adaptor
- 1 x Jumpstarter Attachment
- 1 x User Manual

3

Switch Button & Power Indication Instructions

A. Switch Button

1. Press once: Switches on and shows remaining power.
2. Press and hold for 3 seconds to activate LED light.
3. Press briefly to cycle through modes: Strobe, Slow Flash warning, Fast Flash warning, Flashing orange, off).
4. This device has automatic shutdown when there is no activity. If there is no output connection and it is fully charged, it will turn itself off automatically.

B. Charge Indication

- Press the switch button, as above.
- 4 indicator lights on, remaining power is 75-100%.
 - 3 indicator lights on, remaining power is 50-75%.
 - 2 indicator lights on, remaining power is 25-50%.
 - 1 indicator light on, remaining power is 10-25%.
 - No indicator lights on, remaining power is 0%.

C. Charging Power Indication

- When the charger is connected to the device:
- 1st indicator light flashing: 0-25% charged.
 - 2nd indicator light flashing: 25-50% charged.
 - 3rd indicator light flashing: 50-75% charged.
 - 4th indicator light flashing: 75-100% charged.
 - 4 indicator lights on steady, fully charged.

Power Indication Comparison Table:

| Power indicator lights | ○○○○ | ○○○○ | ●○○○ | ●●○○ | ●●●○ | ●●●● |
|------------------------|------|--------|------|------|------|------|
| Corresponding power | 0% | 10% | ≤25% | 50% | 75% | 100% |
| | ○Off | ○flash | ●on | | | |

4

D. Charging the device

Use either the 5V/1A home charger or car charger to charge the device. When all 4 indicator lights are permanently on, it means that the product is fully charged and unit should be unplugged.

E. How to Jump Start a 12V Car

1. Press power button and confirm that at least 3 power indicator LEDs are illuminated.
2. Connect the battery clamps to car battery. Red battery clamp must be connected with car battery positive(+) terminal, black clamp to negative(-) terminal.
3. Insert blue battery clamps plug into jump starter.
4. Start the car with the ignition key or start button.
5. Disconnect the blue plug within 15 seconds of the engine starting.
6. Remove the clamps.

How to start a car

⊕ Positive

⊖ Negative



3) Start the car



1) Connect the clamps to the battery



2) Insert the plug into the jump starter



4) Disconnect the jump starter



5) Remove the clamps

5

F. How to Charge a 5 Volt Digital Device

1. Choose a data cable with a suitable USB connector.
2. Plug the USB connector into the MB-3753's 5V output.
3. Plug the other end into the device you want to charge, and then press the MB-3753's Power button.

SPECIFICATIONS

- Capacity: 27.75Wh (7500mAh/3.7V)
- Dimensions: 130(L) x 70.5(W) x 23(H)mm
- Weight: 270g
- Input: 5V/1A
- Full Charging Time: ≤7hrs
- Output: 5V/2A 12V
- Starting Current: 200A
- Peak Current: 400A
- Operating Temperature: 0° - 60°C
- Storage Temperature: -10° - 60°C

FAQS

Q: How do I turn off this device?

A: This device will shut down automatically when no load is detected or charging is complete.

Q: How long does it take to recharge the device?

A: Approx. 7 hours.

Q: How many times can it recharge a digital device?

A: Depends on device. 2 times at least for iPhone 5S

Q: When fully charged, how many times can this jump start a 12V, 1.6L car?

A: About 20 times depending on engine temperature and age.

Q: How many times can MB-3753 be recharged?

A: At least 200 charge/discharge cycles.

Q: How often should it be recharged?

A: Usually, it lasts 3-12 months for each charge, however, we recommend you discharge and recharge it every 3 months

6

TROUBLESHOOTING

Problem: No response when pressing the switch button.
Cause: Low voltage protection of jump starter triggered.
Solution: Plug the AC or car charger into the charge port to re-activate.

INDOOR STORAGE

1. Keep out of the reach of children.
2. Keep away from fire and areas getting hotter than 60°C.
3. Make sure it is stored away from moisture and corrosive materials.
4. Optimal storage temperature is between 15°C and 35°C, in which case the device will hold charge for at least 6 months.

CAR STORAGE

- Remove the product and keep indoors if the car's interior temperature is expected to fall below -10°C or rise above 60°C to prevent serious damage or possible fire.
- Make sure the device is secured in position; for example, do not allow it to simply rattle around in the boot.

WARNINGS

1. Make sure the blue plug for the clamps connector is pushed firmly into the device, otherwise, it won't start the vehicle, and may make the socket overheat.
2. If the device's case appears swollen, do not attempt to use it. The battery may be damaged and could be a fire risk.
3. Never attempt to run the starter for more than about 10 seconds at a time, with a 30 second pause between attempts.
4. If the car has not started after three attempts, it is probably never going to start. If the car battery was flattened attempting to start the car, and you have not found and corrected the cause, using the MB-3753 will not help and may damage it.

7

5. Once the car starts DO NOT "REV" THE ENGINE! Modern EFI equipped cars know how to make the engine idle smoothly when they're cold; they don't need any "help". If the car battery was dead flat, it will need at least 30 seconds to "wake up" and start to accept charge. "Revving" the engine before then can produce voltage surges that can wreck the car's electronics.
6. This device is mainly intended for starting small to medium sized 4 cylinder cars. Cold-starting larger 6 & 8 cylinder vehicles may work but will greatly shorten the life of the device.
7. Make sure the battery clamps are making a good connection. If the battery terminals are corroded or dirty, clean them first or the vehicle may not start.
8. Double-check that the red clamp is on the positive terminal, black clamp is on the negative terminal. Connecting the wrong way round may damage the device or the car.
9. Always connect the clamps FIRST, then insert the blue plug into the MB-3753, not the other way round.
10. The MB-3753 contains no user-serviceable parts. Opening the case may void the warranty.

DISTRIBUTED BY:

TechBrands by Electus Distribution Pty. Ltd.
320 Victoria Rd, Rydalmere
NSW 2116 Australia
Ph: 1300 738 555
Int'l: +61 2 8832 3200
Fax: 1300 738 500
www.techbrands.com
Made in China

8