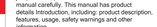
ELTPOWER

Instruction of jump starter

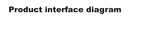


Model ET05

Instruction of jump starter

Thank you for purchasing our multi-function car jump starter . Before using the emergency car jump starter , please read the contents of the manual carefully. This manual has product details Introduction, including: product description, features, usage, safety warnings and other information.

Product interface diagram



① **Power button**
② **LED display**
③ **ECS jump starter output**
④ **Type-C output**
⑤ **LED display Light**
⑥ **USB 5V/2A output**

Accessories

Smart clamp Type-C

Product accessories are subject to the actual product

A.Product use and operation instructions

Power display (%)

the actual Voltage (V)

B.12V car start steps

1.Plug the clamp to the jump starter port and the battery indicator is recommended

2.Plug clip car battery positive (+) pole, black clip car battery negative (-) pole

3.Go back to the car and start the car

4. Remove the clip after boosting to complete

5. Turn the car ignition switch to the START position.
6. After the car is started, unplug it within 30 seconds.
7. Remove the starter clamp.
8. Do not perform limit start-up tests on the product, and the interval between continuous starts is more than 10 seconds

Notice
Before start the car, it must be confirmed (ECS connector) should be inserted tightly and inserted into the socket, the effect of the emergency start of the car will be affected, and the plastic connector may be melted.
Before starting the car in an emergency, please check whether the connector on the car battery is dirty. If there is any dirt, wipe the dirt off before using it.
When the car is started in an emergency, if it cannot be started at one time, please do not start it reluctantly.
First check whether the clip is properly clamped? Is the power of the machine insufficient? Or is there any other fault in the car?
The clip of the engine start cable is clamped in a large area of metal. Do not clamp it on a screw or a place with plastic, which will cause it to fail to start.
Please use the special battery clip equipped with this machine to avoid damage to this product and your car.

C.USB output port charging mode

1. All 3C products such as smartphones and tablets that support USB 5V travel charger can be charged by the jump starter (USB-5V2A).
2. When connected to a charged 3C electronic product, press the power switch button, and the USB-5V2A will appear in the power display Lights up to indicate that the 3C electronic product is being charged

D. Lighting

1. Press and hold the [Power Switch] button for 3 seconds to power on/off the car jump starter.
2. Press and hold the [Power Switch] button for 3 seconds to turn on/off, it is the SOS emergency signal light.
3. Press and hold the [Power Switch] button for 3 seconds to turn on/off, it is LED long-light lighting

E. Answers to questions

Q: What is the function of the car jump starter?
Answer: This small and exquisite emergency start-up power supply has full power and can charge various brands of mobile phones. It is suitable for PSP, MP3, Bluetooth headsets, GPS navigation equipment and other electronic equipment with DC 5V. This car jump starter is equipped with 3 LED lighting modes. The most important feature is being able to successfully start a 12V car.
Q: How to turn the LED light on and off?
A: Press and hold the switch (side) for three seconds to activate the LED light, then lightly press the switch (side) to start the flash (burst), then press Press a key to switch to SOS mode (send SOS distress signal), press again to turn off.
(On → Strobe → SOS → Off)

Q: Can the positive and negative poles be reversed?
Answer: It cannot be reversed. It is forbidden to reverse the positive and negative poles. It must be the red battery clip to stabilize the positive pole of the power supply "+", and the battery clip to be black. Securely clamp the negative "-" of the battery. If the operation is reversed, it will cause damage to the power supply host, resulting in hidden dangers such as sparks.
Q: Any tips before operation?
Answer: It cannot be reversed. It is forbidden to reverse the positive and negative poles. It must be the red battery clip to stabilize the positive pole of the power supply "+", and the battery clip to be black. Securely clamp the negative "-" of the battery. If the operation is reversed, it will cause damage to the power supply host, resulting in hidden dangers such as sparks.
Q: Under what circumstances will the car be started with the jump starter ?
A: The car has been idle for too long, forgot to turn off the lights/radio, won't start in cold weather...

Q: What are the precautions for starting the car?
Answer: It is forbidden to start diesel vehicles. In the case of full power, according to the size of the car's displacement/year/car's power loss, the car's displacement
The lower the number, the relatively more starts: on the contrary, the higher the displacement, the less the number of starts. The exact number of starts depends on the condition of your vehicle.
It is generally recommended that customers start a car with a smaller displacement.
Q: How long can the host be stored?
Answer: The design of the host circuit is very s ientific, it can be stored for 3-6 months without use, but in order to better prolong the service life, it is recommended
Charge it once a month. In extremely cold and hot weather, it is recommended to store at normal indoor temperature

F. Charging at home (220V charger charging)

1. When the display shows 0% of the power, it indicates that the battery is completely dead. At this time, please charge the jump starter as soon as possible to ensure the best storage effect of the battery. It should be charged in time after each use.
2. You can use the charger (output is 5A) provided by other 3C products to plug into the 220V socket, plug one end of the data cable provided with this machine into the 5V output USB port of the charger, and the other end into the side of the machine. The Micro USB/Type-C USB charging input port can start charging.
3. Charging time: It takes about 5~6 hours to charge at 5V2A when it is completely dead.
4. After charging, to save energy, please remove the charger from the 220V socket.

G.car charging (cigarette lighter charging)

1.You can use the 12V to 5V car charger (optional) to charge the machine. Plug the charger into the cigarette lighter socket on the car, plug one end of the data cable of the machine into the 5V output USB port of the car charger, and insert the other end into the Micro USB or Type-C USB charging input port on the side of the machine to start. to charge

H. Important Notes

Please read the manual carefully before use
Please use the special battery clip provided with this machine to avoid damage to the product and your car, and please charge it as soon as possible after use to ensure the best battery storage effect

When not in use, please fully charge it before placing it. It is recommended to extend the battery life at least charge once every one month.
Do not disassemble the machine by yourself, otherwise it may cause a safety accident
Please keep away from high temperature or humid environment and do not soak in water to avoid damage. Stop using the battery immediately if you find that the battery is swollen, leaking, or smells bad.

I.Product Specifications

Model	ET05
Output voltage	Output USB1:5V/2A ;Output USB2:5V/2A ; jump start output:DC12V (ECS jump start output)
Input voltage	5V/2A
Operating temperature	-20 ~ +60
Applicable car models for emergency start	petrol car jump start below 4.5L(4L) (cc gas engine and below 2.0L(2000cc) diesel engine
Charging time voltage	16.8 V
Charging upper limit voltage	16.8 V
Jump starter output voltage	12V
Jump starter rated charging current	2A
Maximum charging current	2A
Starting current	500A
Peak Current	2000A
Upper limit charging temperature	55℃
Upper discharge temperature	65℃

In order to ensure the safe use of batteries and battery packs under different conditions, it is necessary to specify their safe working conditions including temperature range, voltage range and current range and other parameters.
Differences in material systems and structures may result in different safe operating parameter values

Warranty Card

Thank you for purchasing the company's car emergency car jump starter, please keep the warranty card properly to ensure after-sales service
1. Since the date of purchase, if the product has quality problems (non-natural disasters or man-made damage), with the stamped
The original or photocopy of the guarantee letter or the invoice certificate can enjoy the mainfame warranty for one year (excluding appearance and accessories).

2. The following situations are not covered by the warranty
1. Damage caused by natural disasters or failures caused by human factors such as dismantling and reconstruction.
2. Failure caused by not following the correct method shown in the manual.
3. This warranty card has not been stamped by the dealer or cannot provide proof of purchase by invoice.
4. Products not sold by our company are not covered by the warranty.
5. Exceeding the warranty period is not within the scope of the warranty.
3. If the product has been discontinued or out of stock, it will be replaced with a product of the same grade when the product is replaced.