

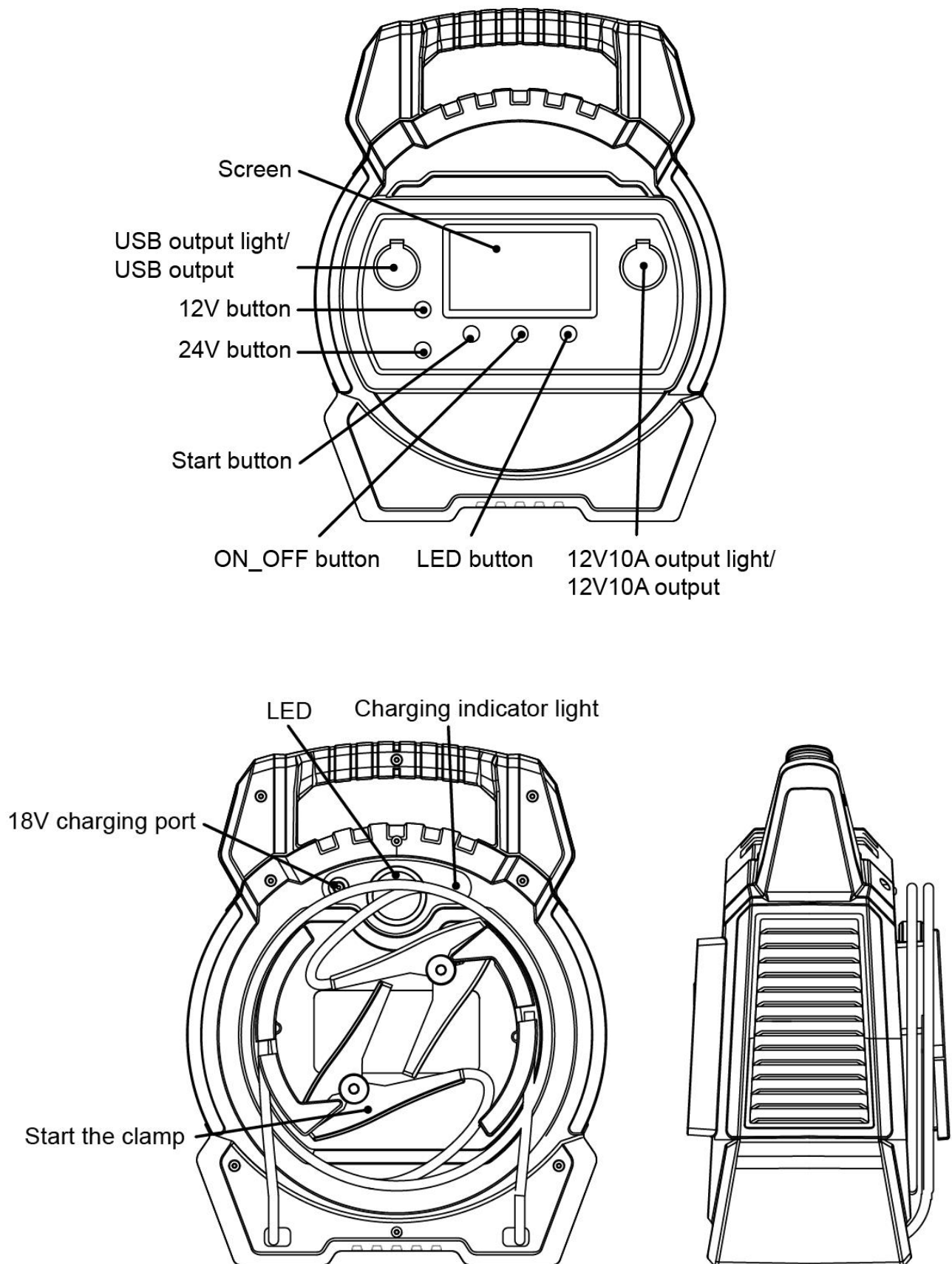
Multifunctional Vehicle Emergency Start Power Supply

EPS-900 Manual



Thank you for using the smart startup power supply. Before using this product, please read the manual carefully and save it for future reference.

A. Component and Function Description :



B. Check battery level

Press the light touch switch button to display "BATTERY", and at the same time display the host's battery level: START xxx%, indicating that the battery has XXX% of its capacity; display 100%, indicating that the battery is fully charged.

Attention: If it is displayed below 20%, the display screen will show "BATTERY LOW", indicating that the battery of the host is low at this time and should be charged in a timely manner.

C. charge

Warning: Always charge in a well ventilated and non flammable area. Do not use this product while charging

Attention: Before first use, please fully charge the power supply.

Using a home charger

1. Insert the equipped home charger into the charging socket.
2. Insert one end of the adapter's connection cable into the 15V1A input port of the host.
3. The display screen will display "CHARGING BATTERY" and also show the percentage of battery charge.

After the host is fully charged, the display screen will show "100%".

5. After charging, disconnect the charger from the main unit.

D. Operating instructions

Switching between different modes of LED lights

Tap the light button to activate the LED lighting function when turned on. Then press the light button briefly, and the LED lights will be represented in sequence as:

LIGHT、FLASH、SOS、OFF.

Charging USB port instructions

The host has two standard USB5V ports, which can provide a maximum current of 3A.

1. Press the switch button for 2 seconds, and the screen will display "ON 5V"
2. Choose a suitable charging connector and phone data cable.
3. Connect the USB plug of the adapter cable to the USB 5V output port of the host, and connect the charging connector to electronic products such as

mobile phones/tablets.

4. After use, please unplug the data cable and turn off the host.

Power supply to DC12V equipment

12V DC output: The standard cigarette lighter provides a 12V output with a maximum current of 10A, which can power 12V DC devices such as air pumps, car refrigerators, OBDII, etc.

1. Check if the host is fully charged and provide power as needed.
2. Ensure that the current of the DC12V power supply product does not exceed 10A.
3. Insert a 12V device with a cigarette lighter plug into the cigarette lighter socket.
4. Open the host and click the "12V" button to provide DC12V.
5. After use, please turn off the power and unplug the power plug.
6. Charging the host.

Car Start Instructions:

1. Confirm that the product's battery level is above 50%.
2. Clamp the red clip onto the positive (+) pole of the car battery, and the black clip onto the negative (-) pole of the car battery. If the clip is reversed, the display screen will scroll to display Battery reverse and beep.
3. Start at 12V/24V car voltage. When starting a 12V car, the host displays "12VBOOST", which allows the car to be started directly; When starting a 24V car, the host displays "24V BOOST", which allows the car to be started directly.
4. After starting the car, remove the product from the car battery.

When the host is used as a car battery and the battery level is lower than 5V or there is no battery to start the car, it will not be able to automatically recognize and output voltage. At this time, it is necessary to manually determine whether the car's voltage is 12V or 24V. If unsure, consult a professional or car manufacturer. Then gently touch and press the JUMP START button, the LCD will display 12V/24V and flash simultaneously. Within 6 seconds, select the correct 12V or 24V button for 2 seconds, and the LCD will display "12VBOOST" or "24V BOOST" Complete the startup operation within 30 seconds.

- 1.1. Refer to the owner's manual to determine the battery voltage and ensure

that the output voltage of the main unit is correct.

- 1.2. Confirm the correct voltage of the motor equipment you want to start - the starting voltage is 12V or 24V.
- 1.3. Turn off the car ignition switch and all accessories (lights, radio, etc.)
- 1.4. Connect the red positive battery clip to the positive battery terminal of the vehicle. Then connect the black negative battery clip to the negative battery terminal of the vehicle.
- 1.5. Ensure that all connections are completed and correct.
- 1.6. Gently press the JUMP START button.
- 1.7. Select the correct voltage button that matches your vehicle for approximately 2 seconds and store it.
- 1.8. The screen will display the corresponding voltage display content. At this time, the machine will automatically set whether the voltage is compatible with the battery voltage. Otherwise, an alarm will sound rapidly, reminding to switch the voltage. After the adaptation is correct, press the JUMP START button for 2 seconds.

Start the engine within 30 seconds.

- 1.10. If the vehicle does not start successfully after 5 to 8 seconds, please stop and try again.
- 1.11. After starting the vehicle, first remove the black negative battery clip, and then remove the red positive battery clip.
- 1.12. Timely charge the product.



Matters needing attention

A) When the host emits a beep sound. At the same time, the display screen displays "SHORT CELL". If the clips collide and short circuit together, you need to immediately disconnect the clips and correctly clamp the battery clips. Re operate.

B) When the device emits a beep sound. The display screen shows "BATTERY REVERSE".

Indicates that the product's battery clip is connected in reverse to the battery. At this time, it should be prohibited to start. Remove the battery clip and reconnect it correctly (using the battery clip of this machine, connect the positive pole of the battery in red and the negative pole of the battery in black). If the fault cannot be resolved, please press and hold the power button for 3 seconds to resolve the fault.

E. technical specifications :

Model: EPS-900
capacity : 32000mAh
size : 316*253.8*157.8mm
Start output : 12V&24V
DC rated output: 12V 10A
USB-A1/2 output : 5V 18W(QC3.0)
DC Input : 18V/1A
Fully charged time: around 7 hours
Starting current : 12V1200A;24V650A
peak current : 12V2000A;24V1000A
Operating temperature : -20°C~60°C

F. Operating instructions

If the following actions cannot eliminate your fault, please stop using the console and purchase the product from the store.

phenomenon	reason	operation
The product emits a buzzing sound, and the display screen Display "SHORT CELL" Or "BATTERY REVERSE"	Battery clamp short circuit Or reverse connect	Immediately disconnect the clamp and clamp it correctly. And restart the operation
The product failed to start the vehicle	1) Battery clamp cable malfunction 2) Low battery level 3)Internal components damaged.	1)Repair or replace clips or wires 2)The host is fully charged again 3)Consultation with local dealers. *Services must be performed by qualified technical personnel.

The display screen displays "Maintenance" and constantly flashes	Attempted to start more than 3 times in a short period of time.	If overheating occurs, the product will shift to protective mode. Cool down the host for two minutes before resuming operation
The display screen becomes blank and there is no display	Low battery level	Charging the host

H. warning :

1. Before using this product, please read the manual carefully.
2. It is prohibited to replace car batteries.
3. Do not use as a toy.
4. To reduce the risk of injury, close supervision is necessary when using this product near children.
5. The product is used for starting 12V/24V vehicles, and it may be dangerous if used for other starting purposes.
6. Please use the randomly delivered battery clip. When the battery clip or wire is damaged, please stop using it to avoid personal injury such as fire or electric shock.
7. Do not clamp the positive and negative poles of the battery.
Before starting, ensure that there is no rust or foreign objects attached to the interface, and tightly connect the host to the battery clamp to avoid affecting the product's starting performance due to interface connection issues.
9. After successfully starting the car, please remove the product from the car battery within 30 seconds, otherwise it may cause damage.
10. Do not start continuously for more than 3 times. Otherwise, it may cause the product to overheat and damage it. When starting multiple times, the interval between each start is two minutes.
11. Do not use clips to power other devices.
12. Do not place the product in an environment with a temperature exceeding 60 °C.
13. Please charge at room temperature from 0 °C to 45°C.
14. Do not expose the product to rain or water.
15. Do not place the product in extremely hot conditions or in flames.

16. Do not operate the product in explosive environments, such as in the presence of flammable liquids, gases, or dust.
17. Ensure that someone is within the range of your voice or within a sufficient distance to assist you when using the product.
18. Before using the product, remove any metal jewelry worn, such as rings, bracelets, or necklaces.
19. To reduce the risk of damage to the power plug and power cord, please disconnect the host from the clip at the battery clip plug.
20. Do not use damaged or modified battery packs. Damaged or modified battery cells may have unpredictable consequences, leading to risks of fire, explosion, and injury.
21. Please use a charger that is randomly delivered or of the same specifications as the input terminal of the host for charging.
22. It is not allowed to charge this product immediately after starting the car.
23. Do not start the car while charging the main unit. In extreme cases, the battery may leak liquid. Do not directly contact the leaked liquid with your hands or skin.
24. In case of contact, rinse immediately with soap and water. If accidentally entering the eyes, rinse with cold water for at least 10 minutes and seek medical attention immediately.
25. Long term storage of power must be charged every 3 months, each time full.