

# HIGH-POWER

Automobile emergency mobile power supply

# 494124



Car engine start



High security



Mobile power bank

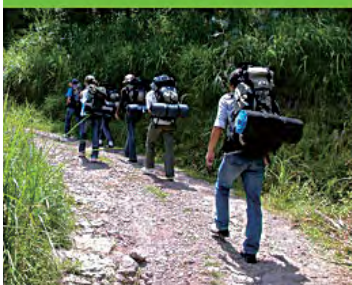


Flashlight



Mini lightweight

## Product data sheet



**Multi-function AUTO  
emergency start power**

# Answers for common problems in use of product




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**Question:** which functions do start power supply have?

Answer: five in one. It supports power charge/supply for mobile phone, laptop, PSP, MP3/MP4 and other electronic products; possessing lighting function of different modes, it can also guarantee emergency start for auto!




**Question:** how can LED emergency lighting be turned on?

Answer: turn master switch of start power to “On” and press  for 3 seconds to start flashlight function. Afterwards, press  LED function to turn normal on to flickering, SOS distress signal light; press  again to directly turn it off. See the figure below:






**Question:** the start power supply has 19V, and 12V output functions and how can V number be switched?

**Answer:** yes: the start power supply can guarantee several V number selection. Before charging with start power supply, press  for short time to switch among different V numbers and corresponding indicator light are normally on. Different products use different voltages, e.g.; laptops generally have 19V and 16V. Before use, please confirm product V number, such as shown in the figure below:



**Question:** how many times is taken to charge the start power supply? How can mobile phone and tablet PC be charged?

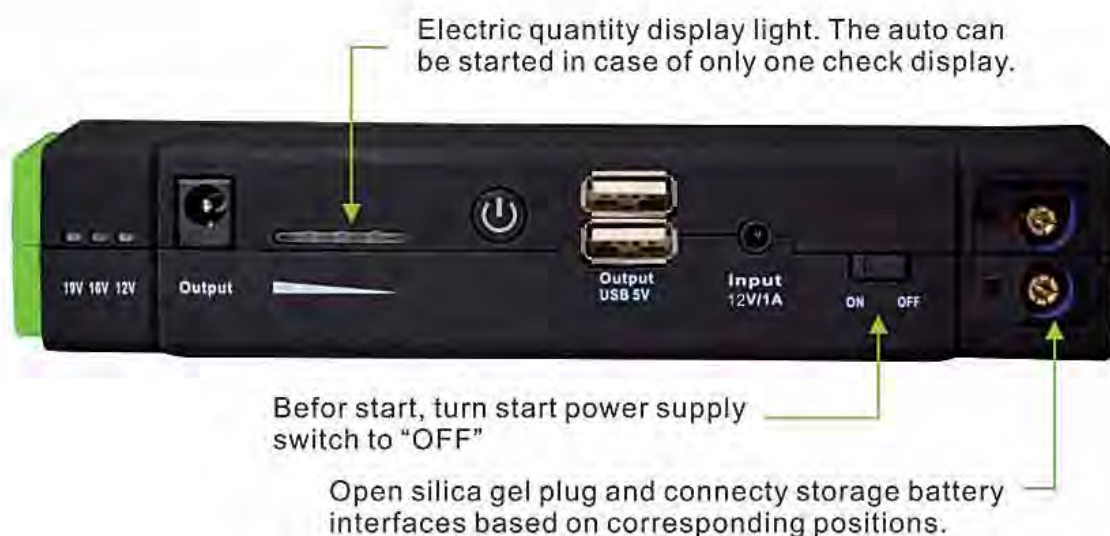
**Answer:** it shall take 2-3 hours to charge start power supply.

After master switch of general start power supply is to be turned ON, press  @ button lightly and USB indicator light maintains normal on. By this time, you can charge mobile phone, tablet PC and laptop!



**Question:** how can an auto be started?

Answer: if an auto cannot be started by the storage battery because of various reasons, the start power supply can exert supernatural effects. At first, inspect electrical quantity of start power. Generally, the auto can be started when there is one check display of indicator light. Connect positive and negative polarise of storage battery with positive and negative polarities of storage battery. After red polantise and black polantitise are clamped, insert plug of battery terminal into start outlet of start power, turn auto key to start auto. After start the auto, remove clamps from battery.



**Question:** in case of mis-operation, what shall happen in case of contact between positive and negative polarities of storage battery wire clip?

Considerate some careless users wrongly connect the positive and negative position to the car battery terminal, which will maybe make damage to the product and cars, we developed an intelligent clamp cable, which will prevent this damage, if wrongly connect the positive and negative position to the car battery terminal, the intelligent clamp cable won't work, no current input and output, so it is more safe.




**Question:** how can start power supply be charged?

Answer: Use home adapter or Car adapter connected to 220V commercial power or 12V car powersupply, product will begin to charged. the indicator light will be flash all time. When four indicator lights are on, it indicates the power supply has been fullcharged! Such as shown in the figure below;

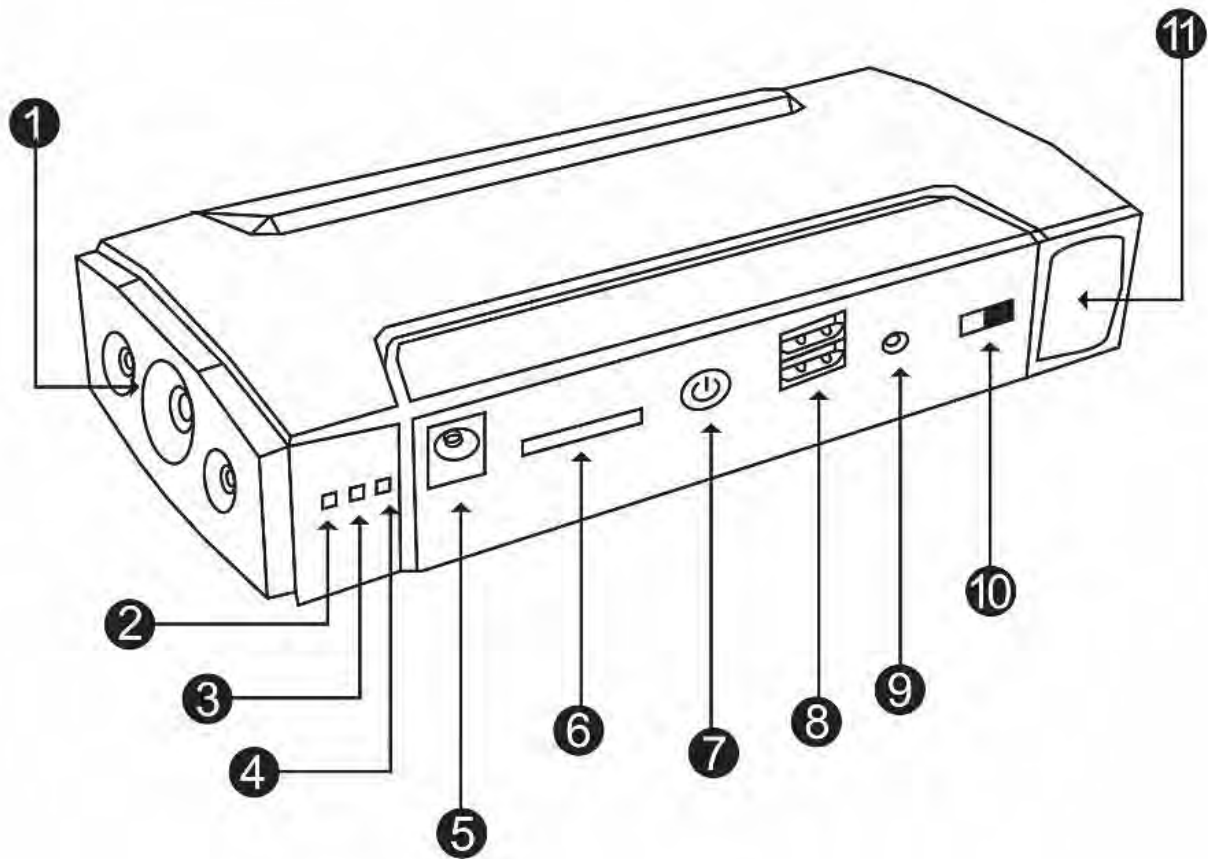


**Question:** how to use this product to charge laptop?

Answer: turn start power supply to "ON" and to choose power supply voltage to suitable for laptop(eg:in case of 19V voltage at adapter, press  key to switch to 19V). Afterwards, connect adapter to charge laptop(have 8 adapters to choose which suitable most of laptops. ). To supply power to laptop, it in suggested to remove laptop power supply atfirst to increase the service life!



## > Detailed illustrative diagram of product function



1. LED illumination light

3. 16V voltage output indicator light

5. 12/16/19V  $\overline{=}$  2A/3.5A/3.5A outlet

7. Key switch

9. 12V  $\overline{=}$  1A charge inlet

11. 12V  $\overline{=}$  200A auto start outlet

2. 19V voltage output indicator light

4. 12V voltage output indicator light

6. Electric quantity indicator light

8. USB 5A  $\overline{=}$  2A outlet

10. Master switch



## Detailed fittings of product

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Car charger



Laptop adapter



carrying bag



Storage battery wire clip



Four-in one mobile phone adapter

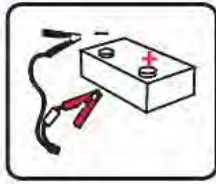


Home adapter





## Correct operation flow for auto start



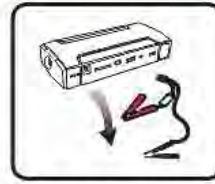
Red clamp connect " +"  
Black clamp connect " -"



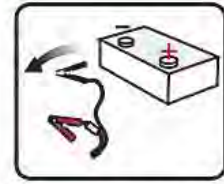
The plug connect the  
jump starter



Start the vehicle



Remove the plug from  
the jump starter



Remove the clamps  
from the battery

### Operation Instructions:

1. Before start the car, please make sure the host minimum 2pcs LED indicated light on, then connect the blue plug fully seated into the host socket, and confirm the Cable Indicator is off.
2. Connect the Red clip to the positive (+) battery terminal, Black clip to the negative (-) battery terminal.
3. Start the vehicle.
4. When the vehicles starts, please make sure pull up the clamp cable from power bank and then from the car battery terminals. please do not connect the red and black clip to the vehicle battery terminals within 30s.

### Intelligent Jumper Cable Special Instructions:

Operate following the instruction of the Cable Indicator:

1. Light on: mean that the connection is correct and the circuit is work, you can turn on the engine.
2. Light off: means wrongly connection of positive and negative to the car battery terminals, the host won't open and work, please check and make sure connect correctly.
3. Light quick blinking: means short circuit. the light will off soon. please check and connect again
4. Light slow blinking: means battery is under protected from overcharge, the relay is cut off to protect the product. Especially after start successfully, if not pull up the clamp, the light will blink slowly, if want to start again, please pull up the clamp from the host and car, and then connect again correctly according to the first instruction.
5. After start the car and pull up the clamp cable, please wait for 30s if want to try again to connect the black and red clamp,

## Product parameter

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- ▶ Output :12V
- ▶ Dimension: 165\*79\*40mm
- ▶ USB output:5V2A
- ▶ Charge mode; CC/CV 12V1A
- ▶ Start current:200A
- ▶ Peak current:600A(3S)
- ▶ Cycle life: 3,000 times
- ▶ Applicable temperature range;-20-60℃

## Notice

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1. In case of dormancy for long time, it is suggested to maintain certain battery capacity and the product shall be charged at least at every three months.
2. During charging process, mild heat of equipment is normal phenomenon but not fault.
3. It is suggested to use the product under room temperature environment away from moisture, high temperature or ignition source.
4. Please store products in dry area away from moisture and erosive materials.
5. Do not use coarse chemicals for cleaning, such as soap or detergent.
6. In case of battery inflation, leakage or peculiar smell, please stop using battery immediately.
7. Do not drop products in use.
8. Children shall use the battery under instruction of parents strict accordance with specification contents to guarantee correct operation.
9. Please do not throw about or burn waste mobile power supply and cherish environment.



Please carefully read the instruction manual and use the product correctly based on the instruction manual so that you can be familiar with the product more conveniently and quickly!



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emergency start power

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