Multi-function AUTO
emergency start power

Auto start  High security  Mobile power supply  Emergency lighting  Compact

Product date sheet
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!
Answers for common problems in use of product

**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:

Turn start power switch to "ON" as shown in the figure below:

**Question:** How much time is taken to charge the start power supply?
**Answer:** It shall take 2-3 hours to charge start power supply. After master switch of general start power supply is 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:** The start power supply has 19V, 16V 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 lights 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:

Please press the key to switch among V numbers

Turn start power switch to "ON"
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 polarities of storage battery with positive and negative polarities of storage battery. After red polarities and black polarities are clamped, insert plug of battery terminal into start outlet of start power, turn auto key to start shift to start auto. If the auto cannot be started, turn the key after several seconds until it is started successfully. Afterwards, pull storage battery plug from the start power supply and remove clip from auto battery.

Question: How can start power supply be started?
Answer: Insert matched adapter/charger into charge inlet of start power supply and the other end is connected to 220V commercial power or 12V car power supply, product charging is started. Circular flickering of electric quantity indicator light indicates that the device is under normal charging process. When four indicator lights are on, it indicates the power supply has been fully charged! Such as shown in the figure below:

Electric quantity display light. The auto can be started in case of only one check display.

Before start, turn start power supply switch to "OFF".
Open silica gel plug and connect storage battery interfaces based on corresponding positions.

Question: How can power be supplied to laptop?
Answer: Turn start power supply to "ON" and adjust power supply voltage to adapter voltage of laptop (in case of 19V voltage at adapter, lightly press key to switch to 19V). Afterwards, insert adapter power plug into output power interface of laptop (in case of wrong interface, please use interface adapter of laptop). To supply power to laptop, it is suggested to remove laptop power supply at first to increase the service life!

Question: In case of misoperation, what shall happen in case of contact between positive and negative polarities of storage battery wire clip?
Answer: Someone may connect positive and negative polarities of storage battery and cause short circuit owing to negligence, we have designed protection circuit. In case of any short circuit, the fuse shall blow out immediately to prevent any unnecessary personal injury and property damage. Afterwards, you can send the start power supply to the purchase area for maintenance.
Detailed illustrative diagram of product function

1. LED illumination light
2. 19V voltage output indicator light
3. 16V voltage output indicator light
4. 12V voltage output indicator light
5. 12/16/19V-2A/3.5A/3.5A outlet
6. Electric quantity indicator light
7. Key switch
8. USB 5V - 2A outlet
9. 15V-1A charge inlet
10. Master switch
11. 12V --- 200A auto start outlet

Detailed fittings of product

- Car charger
- Laptop adapter
- Carrying bag
- Storage battery wire clip
- Four-in-one mobile phone adapter
- Power adapter
Correct operation flow for auto start

1. **Red clamp connect** +” **Black clamp connect ‘-”**  
2. The plug connect the jump starter  
3. **START**  
4. **Remove the plug from the jump starter**  
5. **Remove the clamps from the battery**  

Operating instruction:  
To start auto, please confirm at first that electric quantity of start power supply is equal to or above 20%. Clamp red clip with positive "+" polarity of storage battery and black clip with "-" polarity of storage battery, afterwards connect the connecting wire of storage battery with start power supply. Turn auto start switch to START position. Afterwards, pull off plug from start power supply and then take down storage battery clip.

Product parameter

- Output voltage at auto start end 12V
- Dimension: 165*79*40mm
- USB output: 5V2A
- Charge mode: CC/CV 15V1A
- Start current: 200A
- Peak current: 400A (3S)
- Cycle life: 3,000 times
- Applicable temperature range: 0-85°C

Notice

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 service or 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 in strict accordance with specification contents to guarantee correct operation.
9. Please do not throw about or burn waste mobile power supply and cherish environment.