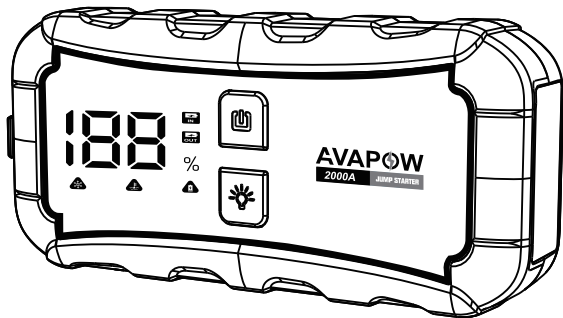


时间：	2024.04.18
产品型号：	E5 PRO
尺寸：	95*140mm
材质：	128g铜版纸
颜色：	专色印刷
工艺：	骑马钉

# Multi-Function Portable Car Jump Starter User Manual



Model : E5 PRO

EN





### **Friendly Tips:**

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

Perhaps there is small difference between the photo and the actual product,so please turn to the actual product for detail information.

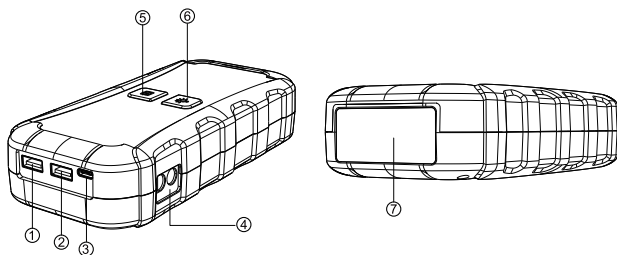


## What's in the Box

- AVAPOW E5 PRO jump starter x1
- Intelligent battery clamps with starter cable x1
- High quality USB-A to USB-C cable x1
- User-friendly manual x1

## Product Diagrams

1. USB1 Output: 5V/3A
2. USB2 Output: 5V/3A
3. Type-C In: 5V/3A
4. EC5 Output / DUST Cover
5. Power Button
6. Light Button
7. LED Light



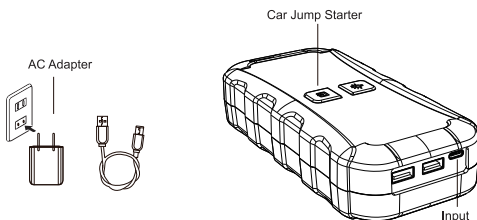
## Specifications

Cycle Life	>1000 Times
Capacity	44.4WH
ECS Output	12V/2000A (Max) Peak Cranking Power
USB1 Output	5V/3A
USB2 Output	5V/3A
Type-C In	5V/3A
Charging Time	Type-C 4.3H
LED Light Power	White: 1W
Working Temperature	-5°C-55°C
Storage Temperature	-20°C-65°C
Unltsize(LxWxH)	187 X 88 X 43MM
Product Accessories	Tpey-C Line / Start Clamp / Manual Of Use

## Charge the Battery

Charging with an AC adapter (AC adapter is not included).

1. Connect the battery input with USB cable.
2. Connect the USB cable to AC adapter.
3. Plug the AC adapter into a power source.



## How to Jump Start your Vehicle



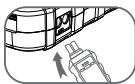
This unit is designed for jump starting 12V car batteries. Do not attempt to jump start vehicles with a higher battery rating, or different voltage.

If the vehicle does not start immediately, please wait for 1 minute to allow device to cool down. Do not try to restart the vehicle after three consecutive attempts as this may damage the unit. Check your vehicle for other possible reasons why it will not restart.

## Operating Instructions:

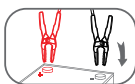
Please ensure the device is at least 50% charged before use.

### Start the Car



#### First step:

Insert plug of battery (terminal) into start outlet of start power.



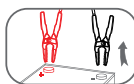
#### Second step:

Connect the POSITIVE (RED) clamp from the jump starter to the POSITIVE pole of the battery. Connect the NEGATIVE (BLACK) clamp to the NEGATIVE.



#### Third step:

Turn ON the car Engine to start Car.



#### Fourth step:

Pull out the plug of battery (terminal) from storage battery power supply and remove clips from auto battery.




### Abnormal Indication of Jumper Clamp

LETTER	STAND FOR	SOLUTION
LC	Low Capacity	Please charge jump starter
RC	Reverse Connection	Please exchange positive and negative poles of the jumper clamp
HT	High Temperature	Please wait 5 mins before starting the car



Forbid to use this clamp in an environment full of flammable gas.

## Jumper Clamp Indicator Instruction

STATUS	TECHNICAL PARAMETER	DESCRIPTION	SOLUTION
<p>Standby indication</p> 	Blue light	Jump cables connect to jump starter, then <b>blue light</b> on	/
<p>Automatic conduction status indicator (ready to jump start your car)</p> 	Green light	Jump cables connect to the car battery after connecting the jump starter, then <b>green light</b> on	/
<p><b>Force start function</b></p> 	Start the car within 30s	If the above operations cannot start your car, please use the forced start function	Ensure the correct connection of clamps before using force start function, long press <b>the force start button</b> for 3 seconds until <b>green light</b> on

PROTECTION	TECHNICAL PARAMETER	DESCRIPTION	SOLUTION
Reverse connection protection	RC	Wrong connection between jump cable and car's positive and negative poles. The <b>RC red light</b> stays on	Keep the correct connection, the positive pole (red) and the positive pole are connected, the negative pole (black) and the negative pole are connected
High temperature protection	YES	The <b>HT red light</b> stays on and beep long alarm sound; cut off voltage output	Automatically recover when the temperature drops
Start timeout protection	40S±5S	Automatically enter the standby state after more than 40 seconds and the <b>LED blue light</b> stays on	You can use it again after disconnecting for a minute
Input low capacity protection	13.5V±0.5V	When it is detected that the power of the EC5 port is lower than 13.5V, there is no output at this time, the <b>LC red light</b> stays on and beep long alarm sound	Please charge jump starter
Short circuit protection	YES	No response	Please use the positive and negative poles of jump cables to connect the positive and negative poles of the car's engine to try to start your car

# How to Charge a Mobile Phone or Digital Products?



With high capacity and Two USB Output Ports (5V/3A USB Quick Charge Charge) , it can full charge your smartphones and tablets on the go up to 75% faster than a standard charger. And you can charge two devices at the same time.

## DC & USB Power Supply



### First step:


Press the Power button.

### Second step:

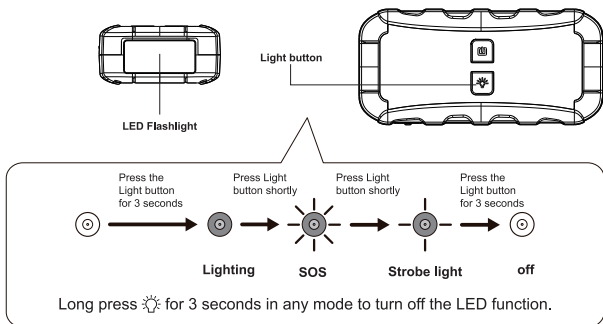
Plug the USB port of the charging cable into the product USB interface, and Inset the other side into the input port of the a mobile phone or digital products.

# LED Flashlight



1. Press the Power button “”. The BATTERY CAPACITY indicator will be lighted up. If no device is connected to the unit it will be turned off automatically.
2. Press the Light button for 3 seconds to turn on the LED light and Depress again for 3 seconds to fully turn off the unit.

In the light mode, namely when LED flashlight is on, press Power button shortly again to cycle through Lighting, SOS, strobe light mode.





## FAQ:

Q: How to turn off the device?

A: This device is equipped with an intelligent detection system and will shut down automatically in 30 seconds once there is no load or it is fully charged.

Q: How long will it take before the device is fully charged?

A: It will take about 4.3 hours with the 5V/3A wall charger.

Q: How many times can E5 PRO charge the cell phone?

A: It depends on the capacity of your cell phone. Taking iPhone 6 as an example, E5 PRO can charge it about 5 times.

Q: How many times can this device jump-start a vehicle when it is fully charged.

A: It can jump-start the vehicle about 20 times(Gasoline car 1.5L).

Q: What is the lifetime of E5 PRO.

A: About 3-5 years in general condition.

Q: How long can E5 PRO hold a charge?

A: With scientific circuit design, can E5 PRO hold charge up to 12 months. But in order to extend the service life of the lithium battery, we suggest charging it every three months.

Q: Is the wire clamp indicator showing red?

A: Red light constant—Output has been cut due to short circuit.

B: Red light constant with buzzing—Output has been cut due to over temperature, overvoltage.

To reset, disconnect the Smart Boost cable from the unit and battery.

If the issue persists, there may be a damaged cable clip. Please contact our after-sales team to arrange for a replacement.

# **TROUBLE SHOOTING**

## **Problem**

- 1.Nothing happens when pressing the power button.
- 2.No response to charging.
- 3.No USB cable/damaged cable clip.

## **Reason**

- 1.The voltage of E5 PRO is really low and triggers the low power protection to shut down the device.
- 2.Type-C data cable damage.
- 3.Missing packaging/damaged in transit.

## **Solution**

- 1.Plug the wall charger into the E5 PRO to recharge it.
- 2.Replace the Type-C cable and keep it charged for 4-5 hours before observing.
- 3.Contact our technical team for replenishment.



## **Dangerous Warning and Caution in Handling the Battery**

1. Never short circuit the jump starter by connecting the Red and Black clamps.
2. Do not disassemble the jump starter.
3. When children use this product, please operate under the guidance of parents.
4. Store in a dry place, do not expose to damp conditions or near corrosive materials.
5. If the jump starter expands, leakage or peculiar smell is found, stop use immediately.
6. Please use this jump starter at normal temperature and be far away from too wet, too hot and fire.
7. Do not start the vehicle continuously, between starting twice you should allow an interval of at least 30 seconds to 1 minute.
8. When the battery power is less than 10%, do not use the jump starter as it will damage the unit.
9. Before first use charge for 3 hours or more.

In case of disoperation, what shall happen in case of contact between positive and negative polarities of storage battery wire clip?

In case of reverse polarity connection by mistake, the produc comes with related protection measures to avoid life-injury&property loss.



**AVAP⚡W**