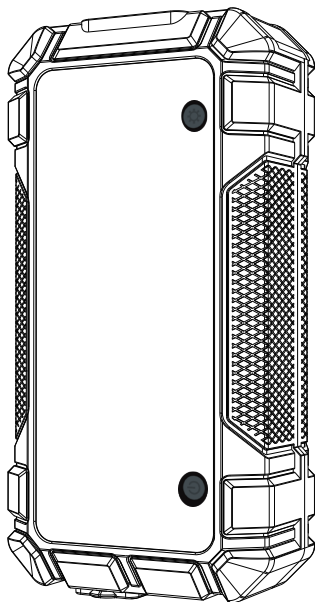




Car Jump Starter

-User Manual-



Model: A27

EN

Friendly Tips:

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

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

What's in the box

- Intelligent battery clamps with starter cable x1
- High quality type-C charging cable x1
- User-friendly manual x1
- Storage bag x1

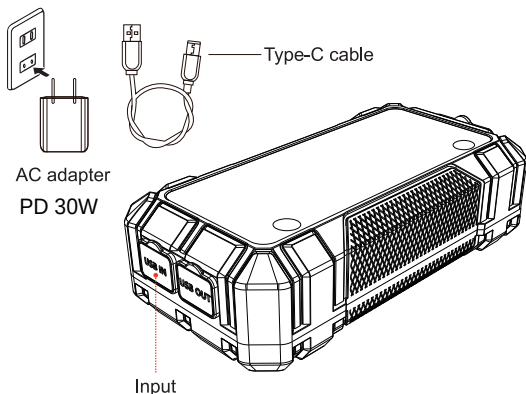
Specifications

Model number	A27
Capacity	84.36Wh
EC5 output	12V/2500A maximum starting power (max.)
USB1 output	5V/3A, 9V/2A, 12V/1.5A
USB2 output	5V/2.1A
Wireless charging output	5W/7.5W/10W MAX
Type-C input	5V/2A, 9V/2A
Micro input	5V/2A
Charging time	5-8 Hours
LED light power	White: 1W
Working temperature	-20 ℃ ~+60 ℃ / -4°F ~+140°F
Dimension (LxWxH)	209*107*56.4mm

Charge the Jump Starter battery

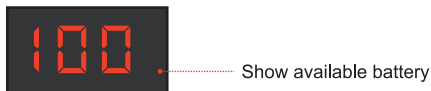
Charging with an AC adapter (**Note:AC adapter is not included**).

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



LED display

Press the power button,the LED display shows as follows:

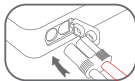


How to Jump Start Your Vehicle



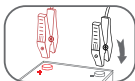
This unit is designed for jump starting 12V car batteries only and rated for gasoline engines up to 8 liters and diesel engines up to 8 liters. Do not attempt to jump start vehicles with a higher battery rating, or different voltage. If the vehicle isn't started immediately, please wait for 1 minute 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 can't be restarted.

Operating instructions



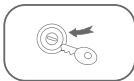
First step:

Plug the jumper cable clamp into the battery pack. The "C I" symbol circulate instructions from left to right.



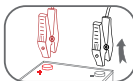
Second step:

Connecting the jumper clamps to the car battery. (Red is positive and Black is negative). When working normally, display the voltage of the current jump starter.



Third step:

Start the car by turning on the ignition key.



Fourth step:

After the car has been started, remove the red and black clamps from the car battery and then remove the plug from the battery pack.

Functions:

Jumper Clamp Indicator Instruction		
Item	Technical parameters	Instruction
Standby instruction	Support	The"  " symbol circulate instructions from left to right.
Working instruction	Support	When working normally, display the voltage of the current jump starter.
Low voltage protection	14.0V ±0.5V	When the power of the jump starter is too low, after connecting the starter and the car, the"  " symbol is on, the buzzer sounds once every 1 second, and the current voltage of the starter power is displayed.
High voltage protection	17.5V ±0.5V	When the car voltage is too high, after connecting the starter and the car, the "888" character flashes and the buzzer beeps for along time.
Reverse polarity protection	Support	When the red/black clips of the jump cable is reversely connected to the car battery (battery voltage ≥0.8V), the "  " symbol is on the "  " symbol flashes, the buzzer sounds once every 1 second.

Jumper Clamp Indicator Instruction

Item	Technical parameters	Instruction
Short circuit protection	Support	When the red and black clips are short-circuited in the standby state, the "  " symbol is on, the "  " symbol flashes, the buzzer sounds once every 1 second.
Overfrequency start protection	8 times	When start up to 8 times continuously, the "  " symbol flashes.
Car battery voltage detection	Support	When the jump cable is only connected to the car battery (the car battery voltage needs to be $\geq 8V$), the "  " symbol is on, and the current car battery voltage is displayed.
Reverse charge protection	$\Delta V \geq 0.3V$	The protection will be activated when the voltage at the clamp terminal is greater than the voltage at the EC5 terminal, the "  " symbol lights up, the "  " symbol flashes, and the buzzer sounds once every second; it can return to the standby state after the fault is eliminated.

Jumper Clamp Indicator Instruction

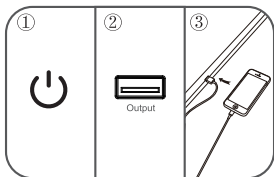
Item	Technical parameters	Instruction
Start overrun protection	Support	The jump starter's voltage is $<6.5V$ and lasts for more than $0.2S$; the voltage $<5V$ and lasts for more than $0.02S$; the protection is triggered, and the "●●●" symbol flashes.
Cable fault protection	Support	When the clamp is powered on for the first time, if the relay is stuck, the "●●●" symbol will flash and the buzzer will beep for a long time.
Timeout protection	30S	When the smart clip is triggered to conduct, after more than 30s, the smart clip will automatically turn off the output, and the alarm prompt character "●●●" will flash.

How to charge a mobile phone or digital products?

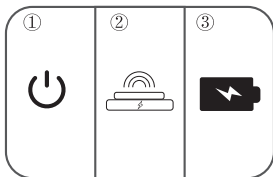


With powerful capacity and two USB output ports (one is USB Quick Charge-5V/3A,9V/2A,12V/1.5A), it can full charge your smart phones and tablets up to 75% faster than a standard charger. It also provides wireless charging function (5W/7.5W/10W MAX), making it's more convenient to charge your wireless charging phones! You can charge three devices at the same time.

Operating instructions:



Press the power button—>connect the phone and power bank output port—>charging

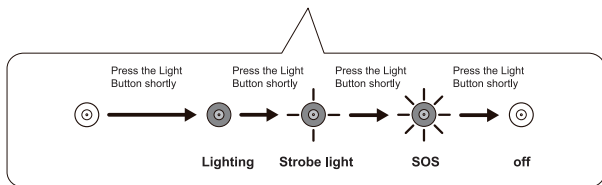
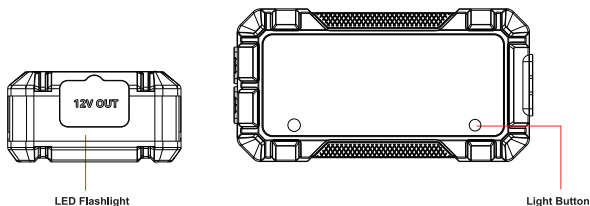


Press the power button—>put the phone on wireless charging area—>charging

LED flashlight



Short press the Light Button to turn on the flashlight. The battery capacity indicator lights up. Short press the light button again to scroll through the lighting, Strobe, SOS. Short press again to turn off the flashlight. The flashlight offers more than 35 hours of continuous use when fully charged.





Safety Warning

1. Never short circuit the jump starter by connecting the Red and Black clamps.
2. Do not disassemble the jump starter.
3. If you find swelling,leakage or odor,please stop using the jump starter immediately.
4. Please use this starter at normal temperature and keep away from humid,hot and fire places.
5. Do not start the vehicle continuously.There should be at least 30 seconds to 1 minute between two starts.
6. When the battery power is less than 10%,do not use the jump starter otherwise the device will be damaged.
7. Before first use please charge it for 3 hours or more.
8. If the positive clamp of the starting power was incorrectly connected to the negative poles of the car battery,the product comes with relevant protective measures to avoid personal injury and property damage.

Note:

- For the first use, please make sure to fully charge before use.
- In normal use, please confirm that the unit has at least 50% power before use.

Warranty Exemption

1. The product has been incorrectly operated or damaged due to the following irresistible reasons (such as flood,fire,earthquake, lightning,etc).
2. The product has been repaired,disassembled or modified by non-manufacturer or non-manufacturer authorized technicians.
3. The problem caused by wrong charger does not match the product.
4. Beyond the product warranty period(24-month).