

Introduction

Thank you for purchasing ACEZUK M03 car jump starter kit. Please read the user manual carefully before you start to use the product.

Charge it first!

While reading through the manual, you can start to charge your M03 with your adapter(not included).

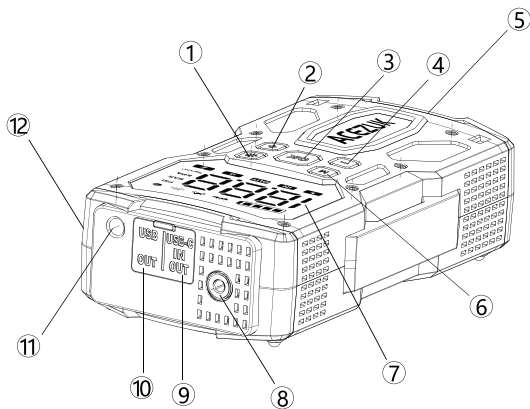
Warning

This unit is for vehicle with 12V batteries. It may be dangerous if it is used with other types of batteries. Read and understand the safety information before using the jump starter and may also result in electric shock, explosions, fire, property damage and personal injury.

Technical Details

Model	M03
Capacity	26800mAh 99.16Wh
Type-c input/output	5V \rightleftharpoons 3A (15W Input/output)
USB1 USB2 output	5V \rightleftharpoons 3.1A
Air Compressor	150PSI
Dimensions (L * W *H)	213*115*58mm
Weight	2.28lbs(1.035kg)
Jump starter output	12V
Working Temperature	-20°C~60°C 1-4°F~140°F
LED Flashlight	400 Lumens
Internal Battery	Lithium polymer
Screen size	47*20mm

Know Your Product



① Light Button

② "+" Button

③ Power Button

④ "-" Button

⑤ Light

⑥ Mode Button

⑦ LCD Display

⑧ Air-filled Hole

⑨ Type-C Input Port

⑩ USB Output Port

⑪ Straw Hat Lamp

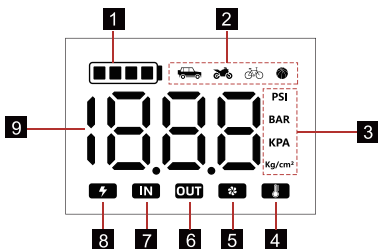
⑫ EC5

Technical Specifications



No.	Button	Function
1	Light Button	Press the button to open the flashlight
2	"+"Button	Increase the air pressure
3	Power Button	Press the button to jump start your car
4	"-"Button	Decrease the air pressure
5	Led Light	Normal,Slow flashing,SOS,Off
6	Mode Button	To choose the inflation mode for different goods
7	LCD Display	①Show the remaining capacity ②Show the inflation mode/unit/value/error warning
8	Air-filled Hole	To inflate your tires by the air hose
9	Type-c Output	15W Input/Output for charge or recharge
10	USB Output	Charge your device by the USB port
11	Straw Hat Light	To light up when you inflate
12	EC5	Insert the jump cable to the EC5 port tightly

Display screen



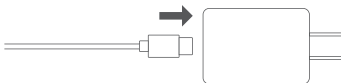
No.	Icon	Function
1		To show the battery capacity
2		To choose different kinds of tires to inflate
3	PSI BAR KPA Kg/cm ²	The unit of the air pressure
4		The temperature of your battery is abnormal
5		Fan is working
6	OUT	Charging other devices
7	IN	Recharge
8		Normal in charge
9		Display values/Error reminds

Recharge your jump starter

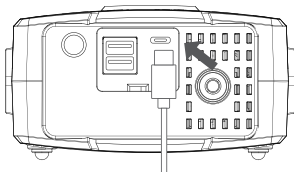


How to recharge the product

1. Connect the USB-C end of the USB charging cable to the charger.



2. Connect the USB-C end of the USB charging cable to the Type-C port of the product.



NOTE: It is recommended to recharge the Jump Starter every 3-4 months to maintain the efficiency and prolong the service life of the internal battery even if the unit has not been used.

How to judge when it is fully charged



Indicator		Battery Level
1 Bar		Under 25%
2 Bars		Between 25% and 50%
3 Bars		Between 50% and 75%
4 Bars		Between 75% and 100%

Note: The battery indicators will illuminate circularly while charging; the illuminated indicators represent the current battery level. If all four of the battery indicators are on, it means the charging is complete.

Charge Other Devices



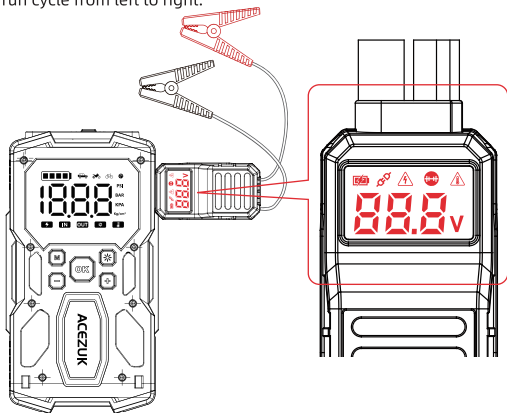
Apart from jump starting a car, this product can also supply power for a mobile phone, PSP, MP3/MP4, camera and other consumer electronics.



How to jump start

Step 1 - Ready Status

Insert the plug completely into the jump start EC5 port, the display of the plug will show the voltage of the jump starter, and the upper small icon will run cycle from left to right.



Low voltage Indicator



Reverse Connection Indicator



Short Circuit Indicator



Reverse Charge Indicator



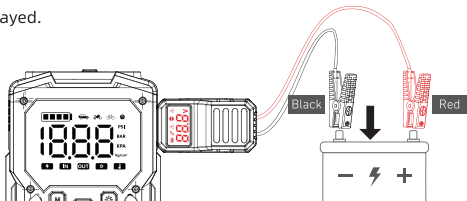
High Temperature Indicator



The Voltage of Jump Starter(when one end clamp to the car ,another end to starter)The Voltage of Car Batery(when clamp to the car only)

Step 2 – Working Status

Connect the red clamp to the positive side(+) of the car battery and the black clamp to the negative one (-). The display of the plug will show the voltage of the jump starter, and the upper small icon will be no longer on displayed.

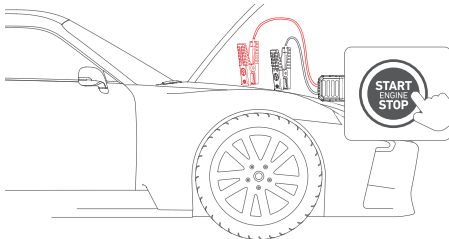


Step 3 – Start the Engine

① Please start the engine within 90 seconds after entering the working status.

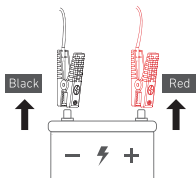
otherwise the jump clamp will turn on the timeout protection.

② If the engine does not start successfully on the first try, please start it again. After 5 times, the smart clamp will trigger the protection, at this time, please disconnect the clamp from the car battery and wait for at least 20 seconds before reconnecting.



Step 4 – Remove the Clamp

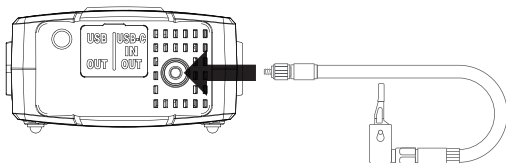
Remove the battery clamp from the car battery and the jump starter within 30S after the engine is started.



Note:

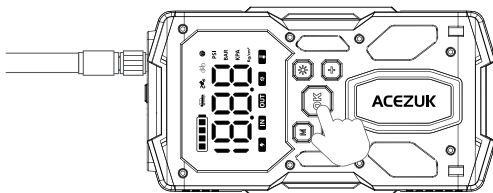
- ① Do not use this device as a car battery charger to charge car batteries.
- ② Make sure all on-board electrical appliances on the rescued vehicle are turned off before starting.
- ③ Please make sure that the power is above 50% when you use it to start your car.
- ④ After successfully starting, please remove the product from the car battery within 30s, otherwise it may cause damage.
- ⑤ Do not use the device to continuously start the car more than 5 times. It may cause the product to overheat and damage the product. Each starting should be separated by two minutes.
- ⑥ The product is only suitable for starting vehicles. Do not use it on equipment such as airplanes and ships.
- ⑦ Due to the long time storage or shipping, the battery power may become virtual power and it needs to be charged fully before the first time using. (Even though it shows enough power or it may be led to battery damage and failure to recharge)

Inflate Your Tires



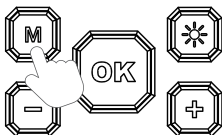
1.OK Button:

- a.)When power off ,short press to power on
- b.)When power on,not inflate,press ok button to power off
- c.)When power on,not inflate,long press ok button for 3s to start to inflate.
- d.)When power on,inflating,short press or long press 3s to stop inflate.

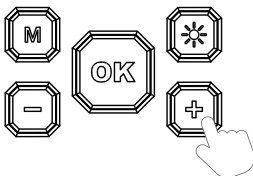


2.M Button:When jumper is power on,press M button to change the inflation mode.The order of mode switch is: car (default setting is 36PSI)---motorcycle (default setting is 36PSI)---bicycle (default setting is 60PSI)---balls(default setting value is 8PSI).

The corresponding symbol will be highlighted and change to its default setting value when you switch.Then long press for 3 seconds to enter to the switching unit mode. While the unit flashing, short press to switch the unit PSI/BAR/KPA/Kg/Cm².When the unit flashing six times without operation,it will stop.



3.+ , - Button: Adjusting the preset air pressure value. Short press to increase or decrease, long press for 3 seconds to switch to fast increase or decrease (the air pressure value returns to the default value After power off or mode switching)



4.Inflation: Connect the inflatable object after power on and the pressure of the connected object can be displayed only when the air pressure is greater than 3PSI. If the real-time pressure is greater than the set value, it is useless to start the pump. If the real-time pressure is less than the set Value, pressing the ok button to start inflation. When the air pressure reaches to the preset value during inflation, the inflation will be stopped automatically.

5.Inflate Overtime:In order to prevent the tire from leaking during the inflating. There are two situations are specially provided for overtime protection. One is that the air pressure keeps "0" for 120s when inflating and displaying "to" flashing 6 times; another one is that the air pressure has not increase when inflating for 120s, the machine will stop automatically and displaying "to" flashing 6 times.

6.Over-temperature Protection: The product has battery over-temperature protection, and the temperature sensor is placed on the outside of the battery pack. When the battery temperature reaches to $65^{\circ}\text{C}+5^{\circ}\text{C}$, the battery board will stop supplying power (when temperature dropping to $55^{\circ}\text{C}+5^{\circ}\text{C}$ after protection, press ok button to recover).

7.M03 is suitable for road bicycle tires 0PSI-120PSI, small car tires 0PSI-40PSI and low-pressure inflation of motorboats or balls. It is not suitable for medium and large-sized trucks or buses. (The tire pressure of heavy-duty vehicles are relatively large and the inflation time will be longer, which will cause the motor, air pump and air pipe to bear greater air pressure, resistance and high temperature affecting the service life of the product or even damage the air pump)

Attention



1) Please be careful when inflating for goods such as balloons, toys, swimming rings, etc which are lower than the range of the inflation pump. It cannot be automatically stopped by preset pressure

2)

a. The inflated object has an inflation pressure below 38PSI, and the continuous inflation time cannot exceed 15 minutes. The machine needs to be stopped after 15 minutes of inflation and rest for 10 minutes before reuse;

b. The inflated object has an inflation pressure between 38PSI and 60PSI, and the continuous inflation time cannot exceed 8 minutes. After 8 minutes of inflation, the machine must be stopped and rested for 10 minutes before it can be used again;

c. The inflated object has an inflation pressure between 60PSI and 110PSI, and the continuous inflation time cannot exceed 4 minutes. After inflation for 4 minutes, the machine must be stopped and rested for 10 minutes before it can be used again;



d. The inflated object has an inflation pressure between 110PSI and 150PSI, and the continuous inflation time should not exceed 2 minutes. After 2 minutes of inflation, the machine should be stopped and rested for 10 minutes before being used again; This can ensure the maximum service life of this product.

3) The temperature of the inflated trachea is relatively high after use, please take care of it. Grasp the silicone sleeve with your hand and twist out the trachea. Do not contact the metal part of the trachea head with your hand directly.

4) To ensure safety, please check the required inflation pressure of the inflated item before inflation to avoid personal injury caused by explosions caused by excessive inflation.

Tip:

The maximum pressure of the custom mode is 150 PSI, while the other four modes' values are fixed to avoid damages or safety hazards.

 Car	58 PSI/4 Bar	 Bicycle	150 PSI/10.3 Bar
 Motorcycle	51 PSI/3.5 Bar	 Basketball	14 PSI/1 Bar

Note: The air hose will heat up during inflation; do not touch the airhose directly. Doing so may cause burns.

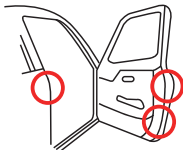
Ensure the pressure value is correct

To avoid over inflation, please confirm the maximum inflation pressure of the objects being inflated. Over inflating objects may cause damage and persona linjuries.

Tires

The recommended tire pressure is usually noted on the tire's sidewall. Tire pressure recommendations/maximums can also be found on the inside of the driver's door.

Check your vehicle's instructions/user manuals for information about the load-bearing capacity and recommended tire pressure.



Balls

The recommended pressure can be found on the air valve of soccerballs, basketballs, volleyballs and most other balls.

Air Pressure Reference Table



Bicycles

Type	Recommended Pressure Range
Electric folding bike tires	10-50 PSI/0.7-3.5 Bar
12, 14, 16 inch bicycle tires	30-50 PSI/2.1-3.5 Bar
20, 22, 24 inch bicycle tires	40-50 PSI/2.8-3.5 Bar
26,27.5, 29 inch mountain bike tires	45-65 PSI/3.1-4.5 Bar
Electric scooter tires	40-50 PSI/2.8-3.5 Bar
700 c road bike clincher tires	100-130 PSI/6.9-9.0 Bar
700 c road bike tubular tires	120-145 PSI/8.3-10.0 Bar



Motorcycles

Type	Recommended Pressure Range
Scooter & street motorcycle tires	26-43 PSI/1.8-3.0 Bar



Car

Type	Recommended Pressure Range
Car tires	32-41PSI/2.2-2.8 Bar



Balls

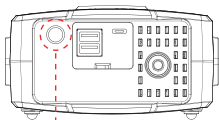
Type	Recommended Pressure Range
Basketball	7-9 PSI/0.5-0.6 Bar
Soccer ball	8-16 PSI/0.6-1.1 Bar
Volleyball	4-5 PSI/0.3 Bar
Football	12-14 PSI/0.8-1.0 Bar

Note: Above pressure values are for reference only. Read the object's user manual or instructions for information about the pressure.

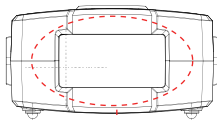
LED Light



Light button: There are two LED flashlights of the M03 jump starter. One is the small straw hat light, another one is 400 lumen flashlight.



small straw hat light



400 lumen flashlight

Straw hat light

When the starter is turned on, short press the light button to turn on the straw hat light (if the starter has been turned off, the button is invalid); then short press to turn off the straw hat light.

400 lumen flashlight

Long press the light button to turn on the flashlight (The straw hat light is turned off). Then short press the light button to flash slowly, short press again to SOS, then short press thirdly to turn off the flashlight. When the flashlight is on, press and hold the light button for seconds to turn off the lights directly.