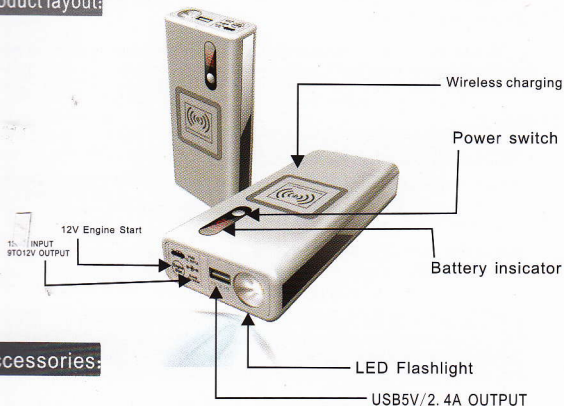# Power Bank Uesr Manual

Thank you for purchasing our product!Befoer using it,please read this user manual carefully!

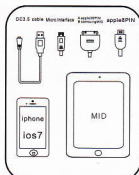## Product layout:

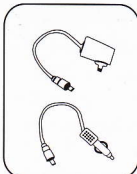Wireless charging

Power switch

12V Engine Start

INPUT
9TO12V OUTPUT

Battery insicator

LED Flashlight

USB5V/2. 4A OUTPUT

## Accessories:

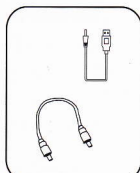DC3.5 cable Micro interface appleSPIN/

iphone
ios7

MID

Battery clips

phone、mid

Home\car adaptor

Router\modem cable

## LED Battery Indicator

LED indicator shows the remaining energy,while pushing the switch, the indicator display percentage of the available,for example,if it shows [88],it means remaining 88% energy!

While charging KP120A,the display will shine 30 seconds,and then display remaining percentage for 5 seconds,if it shows[99],it means the battery is charged completely!

While the battery is discharging,if the current is more than the max value,the power bank will start over-current protection,and display"--"and shutdown after 5 seconds,Please find out the problem and push switch to turn on the power bank!

## How to charge KP-120A?

**1.Use Home adaptor charger**
   a.Plug the home adaptor into universal socket
   b.Plug DC connector to KP-120A(12V INPUT）

**2.Use Car adaptor charger**
   a.Plug the car adaptor into the universal socket
   b.PLug Dcconnector to KP-120A(12VINPUT）
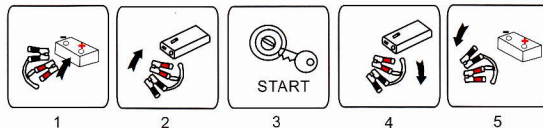
**Caution:if you do not use the power bank for a long time(more than 1 week),please keep electricity around 70%,but not full,otherwise, it willbe damaged!**

## For jump start of 12V vehicle

1.Make sure KP120A's remaining electricity at least 50%,or more.

2.Connect the cable to battery,Plug Red clip to "+" , Black clip to"-"

3.Connect the cable to KP120A.

4.Turn the key of the car to"Start"

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5.Unplug the cable from KP-120A within 15 seconds after starting.
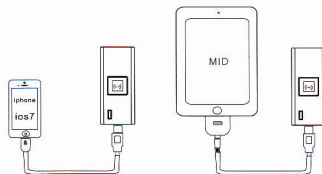
6.Unplug the clips from battery.



## Note!

1. The sequence of starting car operations can not be reversed.
2. Do not star the engine if the remaining power is less than 50%
3.Unplug the cable from KP-120A to battery with 15 seconds after started car.
4.Do not continue to jump start if 3times not successfully.If not,it will damage the product.Do check the vehicle for other reasons.

## How to the charger mobile devices

1.Connecting the suitable connector to Cable B.
2.Plug USB of Cable B toUSB5V port of KP-120A.
3.Connect the cable to mobile device.
4.Push Switch of KP-120A to start charging.

   e. g. Charging iphone and ipad.



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## How to charge phone?

1、Phone must be build-in or retrofit the wireless receiver
2、Turn on KP120 and put phone on the centre of the QI charging mark
3、Phone is charging after the tick sound



## How to charge 12V product?

1.Connecting Cable A to the 12V output.
2.12V product to another side of Cable A.
3.Push Switch button of KP120A to start charging.

Notice:You need to push the Switch button after you connected the cable,
the LED indicator will turn on and start to charging!

## How to use LED flashlight?

Pushing Switch button for 3 seconds to start LED lighting function;
and then push it to change the lighting mode(Highlight,Flash,SOS,Trun
off).Pushing it for 3 seconds to turn off LED flashlight.

## Accessories List

| Item | Name | Qty |
|------|------|-----|
| 1 | Main Engine | 1 |
| 2 | Router Cable | 1 |
| 3 | Phone cable | 1 |
| 4 | Phone adapter | 8 |
| 5 | Moden cable | 9 |

| Item | Name | |
|------|------|---|
| 6 | Home adaptor | 1 |
| 7 | Car adaptor | 1 |
| 8 | Battery clips | 1 |
| 9 | User Manual | 1 |
| 10 | Approval | 1 |

## Specifications

| |
|---|
| Dimensions:162.7X76.6X30mm |
| Weight:420g |
| Capecity:5V12000mAh    12V 4000mAh |
| Output:5V ⎓ 2.4A   9to12V⎓2A   Wireless:5V⎓1A   12V Engine start |
| Input:12.6V ⎓ 1A |
| Charging time:Around 4 Hours |
| Starting Current:200A |
| Peak Current:400A |
| Working Temp:0℃~60℃ |
| Life Span:Charging 500 times or Above |

## FAQ:

1.Q:How dose the power bank shutdown?
A:Power bank will shut down by itself automatic when there is not loaded
or chagring finsihed.

2.Q: How long will it take for full charging the power bank?
A:Usually it will take around 4 hours for charging.

3.Q:How many times could KP-120A charging the cell phones?
A:For example,ipone4,from 0 to 100%,KP-120Acould charging it 5-7 times.

4.Q:How long will it take to full charge a cell phone by KP-120A?
A:KP-120A built in an imported chip from USA ,it could supply 2.4A current to
charge,and the charging speed depends on the circuit of your phone,
as soon as your original charger.

5.Q: How long will KP-120A extend the lifetime of laptop?
  A: According to laptop,it could extend 2~3 hours.

6.Q:How many time could KP-120A start the car?
  A:At least 20 times.

7.Q:How is the lifetime of KP-120A
  A: 3~5years,it depends how you usb it.

8.Q:How long could KP-120A keep the electricity?
  A:Because KP-120A s good cir cuit design,it could store
  the electricity for 3~6 month without using! We suggest you
  charge it every 3 month for long lifespan .

9.Q: For a full charged KP-120A ,how long could it be stored to
  start the car?
  A: 3~6months.

**If you have more questions,please visit our website,Thank you!**

## Trouble shooting

| Condition | Reason | Operations |
|---|---|---|
| Wireless charger and USBcharger stopped at the sametime. | Wireless and USB charger will be protected when the current over 2.5A | Check if the loading current over the MAX supplying current |
| No respone when push the KP120 power switch | Maybe KP120 's battery brown-out,Cut down the power as KP120 start the low voltage protectedfunction | Plug the connector to charge and acivate |

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## Toxic and harmful substance

| Name | Toxici and harmful substance | | | | | |
|---|---|---|---|---|---|---|
| | Pb | Hg | Cd | Cr(vi) | PBB | PBDE |
| KP-120A | 0 | 0 | 0 | 0 | 0 | 0 |

o:Indicate all homogeneous materials hazardous substances content are below the MCV limit spercified in the Standard 2002/95/EC(RoHs).

## Warning

( ) Do not use in bathrooms and damp place.

( ) Do not modify or disassemble the battery.

( ) Keep away from children.

( ) Do not reverse connection input or output.

( ) Do not throw  it into the fire

( ) Do not charge the product to high grade.

( ) Keep KP-120A working in the temperature of  0-40Degrees Celsius.

( ) Do not blow or throw it.

( ) In Charging,if anomalies or malfunctions,please contact your dealer

( ) If the product liquid splashed into the eyes,not rub,flush with water immediately and see a doctor.

( ) Charging or during storage,if the product is heating,discoloration, stop using it may cause the battery to the spill,smoke,or combustion

( ) Do not charging on flammable material.(Bed or blankets)

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