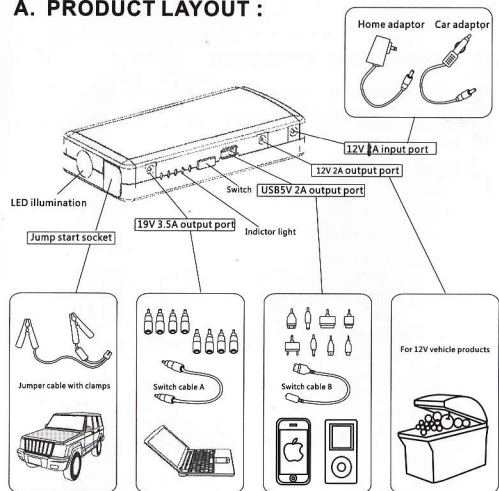


# USER MANUAL

Thank you for choosing the Jump Starter! Always follow basic safety precautions when using electrical appliances. Read all instructions carefully, Please keep this instruction manual for easy reference.

## A. PRODUCT LAYOUT :



## B. OPERATION GUIDANCE

### Indicator Lights

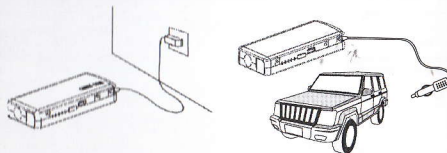
Press the switch button to check the capacity of Jump Starter

Indicator lights	Unlit	5 Flashing	1 solid	2 solid	3 solid	4 solid	5 solid
Battery capacity	0%	10%	20%	40%	60%	80%	100%

When charging, indicator lights will flash one by one. The number of solid indicator lights indicates the battery capacity of Jump Starter. Full indicator lights are solid when charging is pause or complete

### Charging for Jump Starter itself :

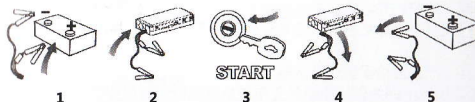
1. Plug the home adaptor into the universal socket.
  2. Connect 12V 2A input port of Jump Starter to the other end of home adaptor .
- Or
1. Plug the car adaptor into the socket of cigarette lighter.
  2. Connect 12V 2A input port of Jump Starter to the other end of car adaptor.



### For jump start of 12V vehicle

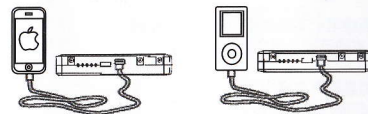
1. Make sure that the number of indicator light is not less than 3.
2. Connect the red battery clamp of jumper cable to the vehicle's positive (+) battery terminal and connect the black battery clamp of jumper cable to the vehicle's negative (-) battery terminal.
3. Plug the cord of jumper cable into the jump start socket.

4. Start the vehicle
5. When the vehicle starts, remove jumper cable from Jump Starter and disconnect red and black clamps to the vehicle battery terminals within 30 seconds
6. Leave the vehicle's engine running



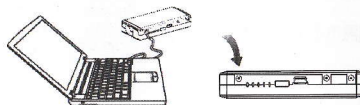
### For charging to mobile phones or tablets

1. Plug the switch cable B to USB 5V 2A output port.
2. Select appropriate connector for your mobile phones or tablet and connect it to the switch cable B and your mobile phone or tablet.
3. Press the switch button to charge.



### Only for charging/power supply to 19V Notebook

1. Plug the switch cable A to USB 19V 3.5A output port.
2. Select appropriate connector for your Notebook and connect it to the switch cable A and your Notebook.
3. Press the switch button to charge/power supply.



**For power supply to 12V vehicle products or 12V electronics**

1. Plug the optional switch cable to 12V 2A output port.
2. Connect the optional switch cable and 12V vehicle product or 12V electronics.
3. Press the switch button to power supply.

#### LED illumination

Press the switch button 3 seconds to start the LED illumination and then 4 modes of LED light appear in sequence (normal. strobe. SOS. off) if you press lightly.

#### C. PARTS LIST :

#	Parts Name	Quantity	#	Parts Name	Quantity
1	Main product	1	6	Home adaptor	1
2	Switch cable A	1	7	Car adaptor	1
3	Switch cable B	1	8	Jumper cable with battery clamps	1
4	Mobile phone connector	8	9	User Manual	1
5	Notebook connector	8			

#### D. TECHNICAL SPECIFICATIONS :

Size : 160*75*28mm
Weight : 430g
Output: 5V=2A; 12V=2A; 19V=3.5A;
Input : 12V=1A
Full charging time : 3 hours
Starting current : 200A
Peak current : 400A
Operating temperature : 0°C-60°C

#### E. FAQ :

**Q.** How to turn off this appliance?

**A.** This appliance will power off automatically when no load or charging is complete

**Q.** How many times can this appliance charge for my mobile phone?

**A.** 5-7 times for iPhone4 mobile phone.

**Q.** How long will this appliance take to charge my mobile phone full?

**A.** Approx. 1 hour.

**Q.** How long will this appliance on a full charge to supply the Notebook?

**A.** 2-3 hours.

**Q.** How many times can this appliance on a full charge to start the vehicle?

**A.** Approx. 20 times.

**Q.** How long will the power of battery of this appliance remain?

**A.** 3-6 months, however, we suggest you recharge it every 3 months.

#### F. TROUBLE SHOOTING:

Finding	Cause	Remedies
Jump Starter is still not full charged while its 5 indicator lights are solid.	60% charging for longer storage of Jump Starter when no usage.	Unplug the adaptor and plug it again.
No response when I press the switch button.	Low voltage protection of Jump Starter is started.	Plug the adaptor into the 12V 1A input port to activate.
Jump Starter is a bit hot when charging for Notebook.	The charging current is a bit high (3.5A)	Remove the battery of your Notebook and use this appliance to supply power for it directly, or disconnect Jump Starter with your Notebook and connect them when it is cool.

#### G. TOXIC AND HARMFUL SUBSTANCES:

Composition and amount of toxic and harmful substances in Jump Starter					
Pb	Hg	Cd	Cr(VI)	PBB	PBDE
O	O	O	O	O	O
O : Indicate all homogeneous materials' hazardous substances content are below the MCV limit specified in the Standard 2002/95/EC (RoHS).					

#### H. Warning:

1. Do not remove the product from the vehicle within 30s after the vehicle started. If not, it may lead dangerous!
2. Do not connect the two clamps. If not, it may lead dangerous.
3. Do not decompose product. If not, it may lead dangerous!



Always take care when using the appliance.



This appliance is not intended for use by young or infirm persons without supervision.



Do not use as a toy.



Do not allow the appliance to become wet.



Do not immerse the appliance in water.



Do not operate the appliance in explosive atmospheres, such as in the presence of flammable liquids, gases or dust.



Do not modify or disassemble Jump Starter. Only a repair technician may repair this unit.



Do not expose the appliance to heat.



Do not store in locations where the temperature may exceed 70 °C.



Charge only at ambient temperatures between 0 °C and 60 °C.



Charge only using the charger provided with the appliance.



Under extreme conditions, battery leakage may occur. Carefully wipe the liquid off using a cloth and avoid skin contact when you notice liquid on the batteries. In case of skin or eye contact, rinse immediately with clean water and seek medical attention.



At the end of their useful life, discard the appliance with due care for our environment.

#### I. WARRANTY INFORMATION:

1. We offer a limited warranty for this product against any defects in material and workmanship for a period of 6 months from the date of purchase by the end user/consumer. The conditions of the warranty are as follows:

2. The warranty is only valid upon presentation of the original receipt (from dealer/retailer) by the original purchaser with the product to be repaired or replaced

3. The warranty is void if the serial number, date of purchase and label has been removed

4. The warranty does not cover damage or product failure resulting from normal wear and tear, physical abuse, improper installation, misuse, modification or repairs by unauthorized third parties

5. We do not assume responsibility for any loss or damage incurred during shipment or as a result of a force majeure

6. We are not liable for any incidental or consequential damages arising from the use or misuse of this product

7. All warranty claims are limited to repair or replacement of the defective product and at the sole discretion of us

8. If we repair or replace the product, the product will be covered for the remaining time of the original warranty period. Repair or replacement may involve the use of reconditioned units which are equivalent in function. Replaced part or product becomes the property of us

9. Consumable components such as batteries are not covered by the warranty



Overcharge and Overdischarge Protection



Fuse Protection



Against-reverse Plug

Applied Standard : GB/T 18287-2000

