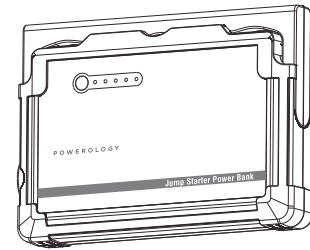


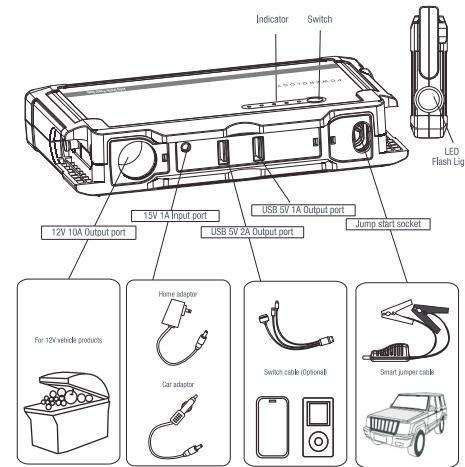
**POWERLOGY**  
THE POWER EXPERTS



**User Manual**  
PPBCHA12

Thank you for choosing the Jump-start 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 Guide**



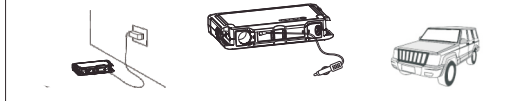
The indicator will flash one by one during the period of charging. Different number of solid indicators show different storage level of Jumpstart. All indicators light off when the charging is paused or completed.

**Jumpstart Charging Instruction**

1. Plug the home adaptor into the universal socket.
2. Connect 15V 1A input port of Jumpstart to the other end of home adaptor.

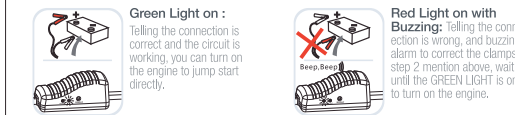
or

1. Plug the car adaptor into the socket of cigarette lighter.
2. Connect 15V 1A input port of Jumpstart to the other end of car adaptor.



**Jumpstart 12V Vehicle Instruction**

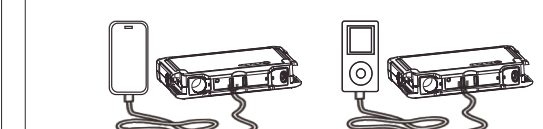
1. Connect the blue plug fully seated into the host, and make sure the Cable Indicator is off.
2. Connect Red Clamp to the positive (+) battery ' terminal, Black Clamp to the negative (-) battery terminal.
3. Operate following the instruction of the Cable Indicator:



4. Start the vehicle.
5. When the vehicle is started, remove the jumper cable from the vehicle battery. Leave the vehicle's engine running.

**Jumpstart Charging Instruction**

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



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

1. When 12V electronics/automotive products connected to the cigarette lighter port.
2. Press the switch button to power supply.

**LED flash light**

Press the switch 3 seconds to start the LED flash light. There are 4 modes of LED light appear in order (normal, strobe, SOS, off) if you press slightly.

**Packaging Contents**

#	Parts Name	Quantity	#	Parts Name	Quantity
1	Host	1	4	Switch cable (optional)	1
2	Home adaptor	1	5	Jumper cable with clamps	1
3	Car adaptor	1	6	User Manual	1

**D. Technical Specifications**

Battery: 25000mAh Li-Ion 92.5Wh  
Input: 15V/1A  
USB Output: 5V/2A Max  
DC Output: 12V/10A  
Max Current: 1000A  
Product weight: 890g  
Product dimensions: 18.8 x 13 x 2.7 cm  
Operating temperature: -20°C to 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 long does it need to fully charge the jump starter?  
A. Approx. 7 hours through the 15V1A input.
- Q. How many times can this appliance charge for my cellphone?  
A. Approx. 10 times for iPhone5.
- Q. How many times can this appliance jump start the vehicle if it is in full battery?  
A. Approx. 30 times.
- Q. How about the lifetime of this appliance?  
A. About 3- 5 years.
- Q. How long the storage of battery will remain?  
A. 6-12 months, however, we suggest to recharge it every 3 months.

**F. Troubleshooting**

Finding	Cause	Remedies
Jumpstart is still not full charged while its 5 indicator lights are solid.	60% charging for longer storage of Jumpstart when no usage.	Unplug the adaptor and plug it again.
No response when pressing the switch button.	Low voltage protection of Jumpstart is started.	Plug the adaptor into the 15V 1A input port to activate.

**G. Toxic and Harmful Substances**

Composition and amount of toxic and harmful substances in Jumpstart					
Pb	Hg	Cd	Cr (VI)	PBB	PBDE
0	0	0	0	0	0
0 : Indicate all homogeneous materials' hazardous substances content are below the MCV limit specified in the standard 2002 / 95 / EC ( RoHS )					

**H. Warning**

1. Always make sure the blue plug of jumper cable connect with the jump start socket tight in Jumpstart before jumping start the vehicle. Otherwise, it will affect the results, even causing the melt of the blue plug.
2. Always check if the jumper clamps are well connected, check if the vehicle battery connector is rusted or dirty, clean it before jumping start the vehicle. DO NOT jump start again after 3 attempts. Otherwise, it will damage the host. And Check your vehicle if it has other trouble.
3. DO NOT connect the two clamps. Otherwise, it may be dangerous!
4. DO NOT disassemble the host. Otherwise, it may be 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 Jumpstart. 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 40 °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 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.