




FLYLinktech BD20 Jump Starter Power Bank User Manual

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Model: BD20| User Manual
Jump Starter Power Bank
support@flylinktech.hk

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BD20 Jump Starter Power Bank

Federal Communication Commission Interference Statement

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Caution: Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) This device must accept any interference received, including interference that may cause undesired operation.

Correct Disposal of this product



— This marking indicates that this product should not be disposed with other household wastes throughout the EU. To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle it responsibly to promote the sustainable reuse of material resources. To return your used device, please use the return and collection systems or contact the retailer where the product was purchased. They can take this product for environmental safe recycling.

Declaration of Conformity

We (Manufacturer is responsible for this declaration)
Prolink GmbH

(Company name)

Brehmstr.56, 40239 Duesseldorf, Germany (Company address)

declare under our sole responsibility that the product

Trade name: FLYLINKTECH

Equipment: Jump Starter Power Bank

Model No. : BD20

to which this declaration relates is in conformity with the essential requirement set out in the Council Directive on the Approximation of the laws of the Member States relating to LVD Directive(2014/35/EU) & EMC Directive(2014/30/EU) & oHS(2011/65/EU) product is responsible to affix CE marking, the following standards were applied:

EN 62133-2: 2017

EN 55032: 2015+A11:2020

EN 55035: 2017+A11:2020

IEC62321-3-1: 2013

1EC62321-4:2013

IEC62321-5:2015


IEC62321-6: 2015

IEC62321-7-1: 2015

1EC62321-7-2: 2017

IEC62321-8: 2017

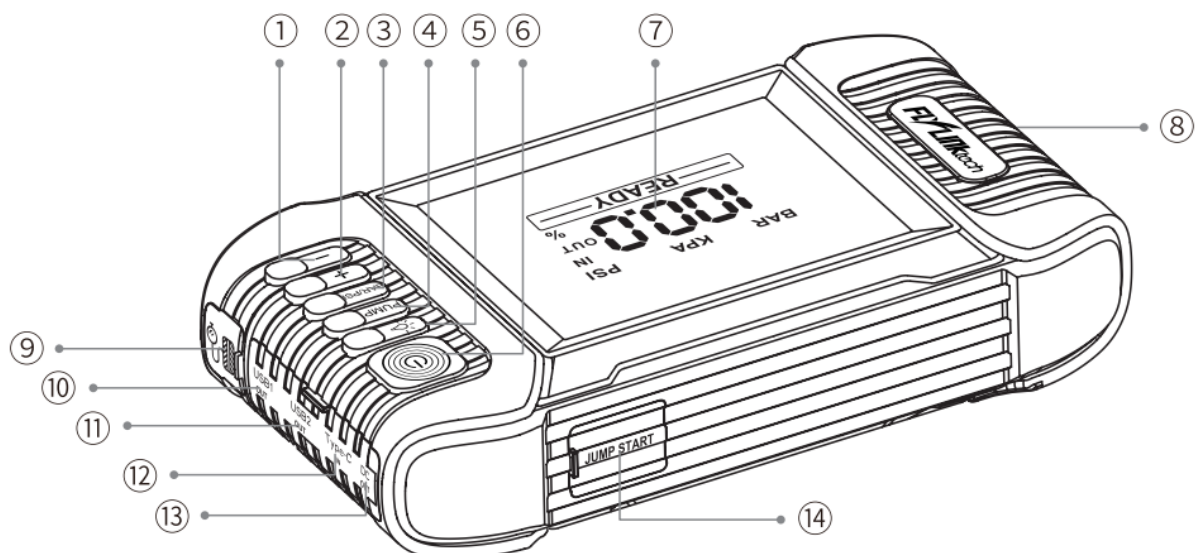
We hereby declare that the equipment named above has been designed to comply with the relevant sections of the above referenced requirements. The model complies with all applicable Essential Requirements of the

Directives stated above. Full Name: George.wang Position: Approbation Manager Signature: 
place/Date: Shenzhen,China/Aug.8-2022

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.

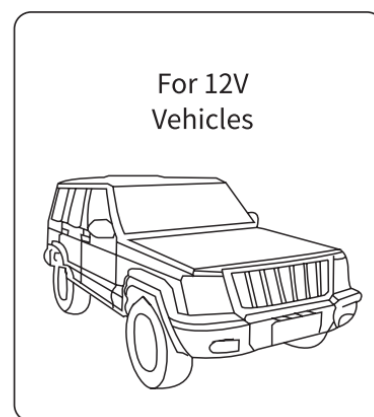
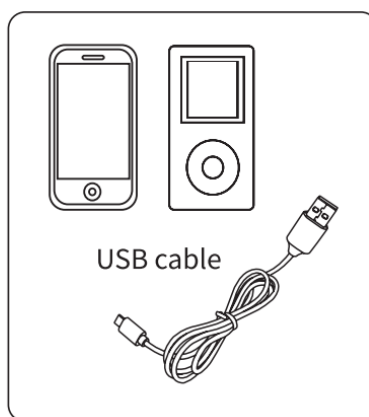
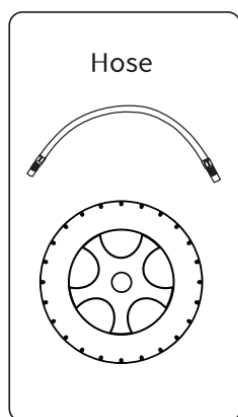
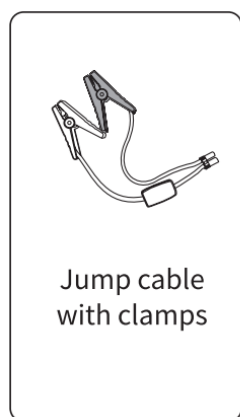
PRODUCT LAYOUT



Model: BD20

1. -Button
2. +Button
3. Unit Button

4. Pump Button
5. LED light Button
6. Power Button
7. Display
8. LED Light
9. Hose Socket
10. USB1 Output
11. USB2 Output
12. USB-C Input
13. DC Output
14. Jumpstart Port



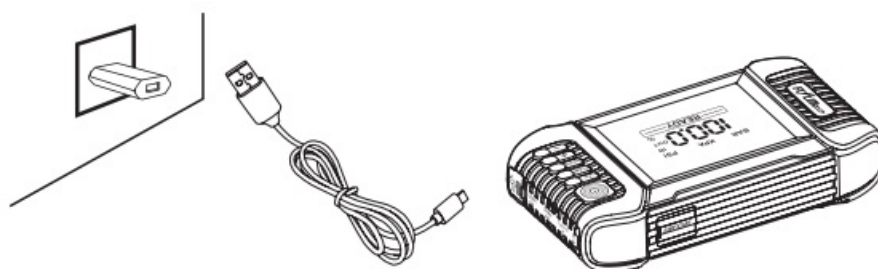
OPERATION GUIDANCE

1. LED Display

Press the Power Button to check the storage level of jump starter. On the screen, it shows the remaining power and activated output ports.

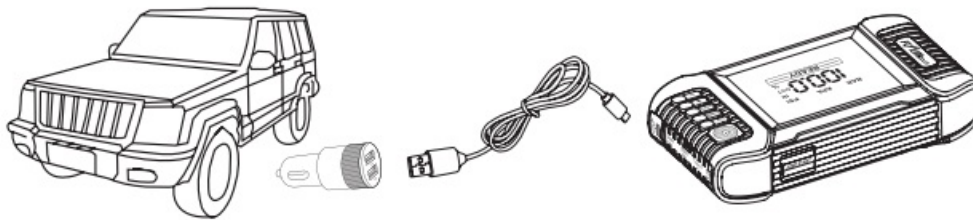
Different number displaying on screen shows different storage level of jump starter. The number will reach to 100% when the charging is completed.

2. Jump starter charging instruction



1. Plug the Charging Cable to electronic devices with USB output.
2. Connect SV/2.4A input port of jump starter to charge.

or

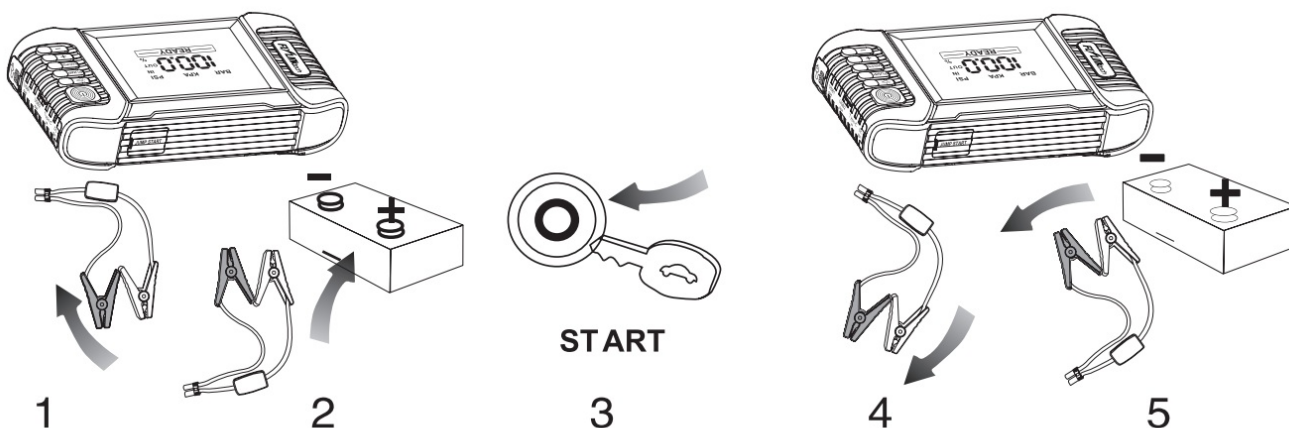


1. Plug the car adaptor into the socket of cigarette lighter.
2. Connect 5V/2.4A input port of jump starter to the other end of car adaptor.

Note: Do not charge the jump starter unit immediately after starting engines but at least 30 minutes later.

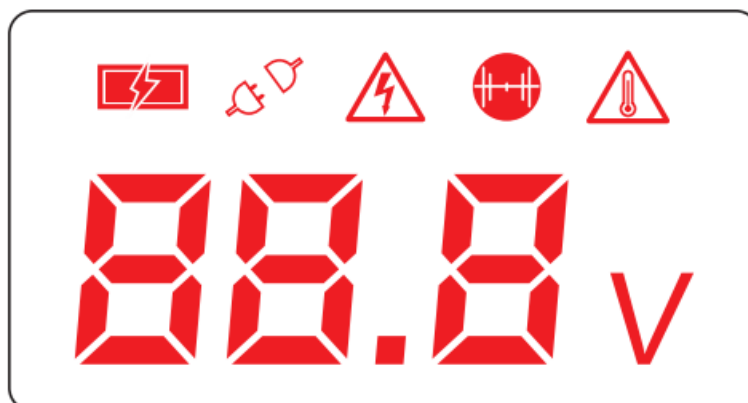
3. Jump start 12V vehicle instruction




1. Make sure that the remaining of power is not less than 80%, fully charged is suggested.
2. Plug the cord of jumper cable into the Jumpstart Port.
3. Connect the RED clamp to the vehicle's battery positive (+) terminal and connect the BLACK clamp to the vehicle's battery negative (-) terminal.
4. Start the vehicle, and interval time between each starting must be OVER 30s; if after 3 times failure, stop trying again; please check if there are problems of the vehicle engine or circuit, meanwhile, check the jump starter, if problem, please return it to the distributor.
5. When the vehicle is started, 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.













4. Indicator and troubleshooting

In any of the following situations, the smart clamp will turn protections on:



Indicator	Situations
The icon above runs in cycles from left to right	Standby status. Jumper cable connected and product voltage will display.
 is on	Detect and display car battery voltage when the jumper cable connected to the car battery only.
“  ” flashes	Timeout protection— No start with 60s after connection. Reconnect and start.
“  ” flashes, with long beep sound	Jumper cable has sticking fault — Contact support@flylinktech.hk for replacement parts

Indicator	Situations
“  ” flashes, with long beep sound	High voltage protection — Charge other devices through the USB port to lower voltage output
“  ” is on, with short beep	Low voltage protection and EC5 port output voltage will display — Recharge the jump starter
“  ” is on, “  ” flashes, with short beep	Reverse polarity protection — Reverse the clips and ensure the correct connection
“  ” is on, “  ” flashes, flashes with short beep	Reverse charge protection — Recharge the product
“  ” is on, “  ” flashes, with short beep	Short circuit protection — Don't connect the clips together or to the same metal
“  ” is on, “  ” flashes, with short beep	Over-heat protection — Remove the clamps to let it cool

In any of the following situations, the screen of the jump starter screen will turn protections on:

Error	Reason	Solution
H8	Battery temperature exceeds 60°C, battery high temperature protection warning, product stops working	Cool down and wait for the temperature to return to normal, the H8 prompt disappears automatically, then you can use it normally.
HO	Battery temperature below -20°C, battery low temperature protection warning, product stops working.	Wait until the temperature returns to normal, the HO prompt disappears automatically, then you can use it normally.
HH8	Motor temperature reaches 85°C, product pumping function stops working, and other functions are available as normal.	The HH8 prompt will disappear automatically when the motor returns to below 60°C before it can be used normally (approx. 15min).
H-	The motor has reached a maximum time of 10 minutes of single operation and the product stops working.	Minimum 15 minutes cooling time before use of the secondary air pump function.

5. For power supply to 12V vehicle products or 12V electronics

1. Plug the optional switch cable to 12V 10A DC output port.
2. Connect the optional switch cable and 12V vehicle product or 12V electronics.

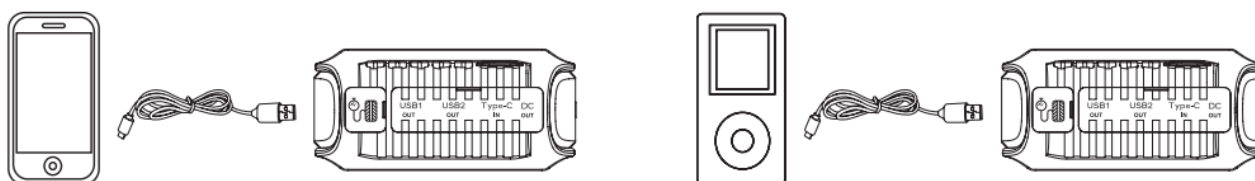
6. LED flash light

Press the LED light Button 3 seconds to start the LED light.

There are 3 modes for LED light appear in order (illumination, strobe, SOS)if you press slightly.

7. Charging cell phone or pad instruction

1. Plug the USB cable to USB 5V/2.4A output port.
2. Select appropriate connector for your cell phone or pad. The LED display panel will show power level number when the device is charging.
3. Press the switch button to charge.



8. Air compressor for tire inflation

1. Connect both ends of the hose to the “Hose Socket” of the tire and starting power.
2. Turn on the startup power, press the function key to switch to the pumping mode, the default value is 2.5 Bar, press the “+” and “-” keys to set different pressure values.
3. After the setting is completed, wait for 2 seconds, the air pump will start to inflate, and the current air pressure will be displayed.
4. When the air pressure reaches the set value, the air pump will automatically stop working.

Warning: Do not use the pump function continuously for more than 10 minutes.

PACKING LIST

1X Jump starter unit
1 Jumper cable with clamps
1XDC Cigarette lighter
1xUser manual
1XUSB Cable

TECHNICAL SPECIFICATIONS

Battery capacity	20000mAh
Input	5V=2.4A
USB 1 Output	5V=2.4A
USB 2 Output	5V= 3A, 9V=2A, 12V=1.5A
DC Output	12V-16V/10A
Full charging time	approx 6h
Rated pressure	150 PSI
Operation temp	-20°C -60°C
Lifetime	>1000cycles
Dimension(L*W*1-1)	236*175*58mm
Weight	780G

FAQ

Q. How to turn off this appliance?

A This appliance will power off automatically when no load is found or charging is completed.

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

A.3times foriphone mobile phone.

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

A. Approx. 1 hour.

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 to recharge it every 3 months.

TROUBLE SHOOTING

Finding	No response when pressing the switch button.
Cause	Low voltage protection of jump starter i started.
Remedies	Plug the charging cable into the input port to recharge in order to activate

TOXIC AND HARMFUL SUBSTANCES

Composition and amount of toxic and harmful substance in jump starter				
Pb	Hg	Cd	Cr(Vi)	PBB
0	0	0	0	0
PBDE	DBP	BBP	DEHP	DIBP
0	0	0	0	0

0: Indicate all homogeneous materials's hazardous substances content are below the MCV limit specified in the standard 2011/65/EU (RoHS) with amendment (EU)2015/863.

WARNING

1. DO remove the jump starter unit from the vehicle within 30s.
2. DO NOT connect the two clamps. Otherwise, it may be dangerous!
3. DO NOT disassemble the host. Otherwise, it may be dangerous!



Always take care when using the appliance

- This appliance is not intended for using by young or infirm persons without supervision.
- Donot use asa toy.
- Do not allow the appliance to become wet.
- Donot immerse the appliance in water.
- Do not operate the appliance in explosive atmospheres,such as in presence of flammable liquids, gases or dust.
- Do not modify or disassemble Jump starter.Only a suitably qualified 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 – 60°C .
- Charge only using the charger provided with the appliance.
- Under extreme conditions, battery leakage may occur. Carefully wipe 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 its useful life, discard the appliance with due care for our environment.

WARRANTY INFORMATION

1. We offer a limited warranty for this product against any defects in material and workmanship for a period of 12 months since the date of the factory. 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 invalid 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, 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 the product.
7. All warranty claims are limited to repair or replacement of 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 and accessories are not covered by the warranty.



Against-reverse
Plug



Overcharge &
Overdischarge
Protection



Fuse Protection



FLYLINKTECH

CE FC ROHS  

V-23-06-14



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BD20 Jump Starter Power Bank, BD20, Jump Starter Power Bank, Starter Power Bank, Power Bank, Bank

References

- [User Manual](#)

[Manuals+.](#) [Privacy Policy](#)

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