

WINPLUS®

12V CAR JUMP STARTER

and portable power bank



AC56388

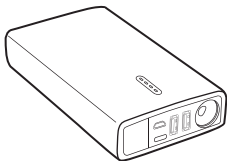
AC56388-60 / AC56388M-60 / AC56388F-60

User Manual

BC

PACKAGE CONTENTS:

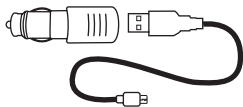
Power Bank



Storage Case



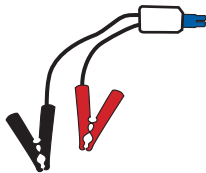
USB Cable and Car Adaptor



User Manual



Jumper Cable with Smart & Safe Protection



TECHNICAL SPECIFICATIONS:

Product Dimensions: 5.43 x 3.07 x 1.06 in (138 x 78 x 27 mm)

Product Weight: 0.773 lbs (351g)

Internal Battery: Lithium-Ion

Capacity: Up to 8000 mAh (3.7V)

Input Voltage: 5V 2A

USB Output Voltage: 5V (2.4A + 2.1A)

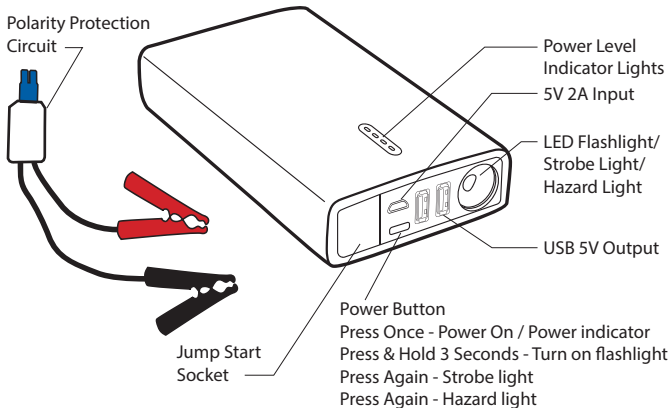
Jump Start Current: 200A - 350A

Operating Temperature: -4°F ~ 93°F (-20°C ~ 34°C)

Storage Temperature: -4°F ~ 104°F (-20°C ~ 40°C) Avg. Temp.

Charging Temperature: 32°F ~ 104°F (0°C ~ 40°C)

Charging Time: 4-5 hours



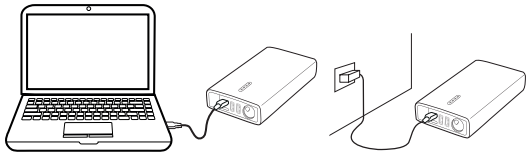
POWER LEVEL INDICATOR LIGHTS:

Press the power button to check the capacity of the Jump Starter.

Indicator Lights:	1 Flashing ■ □ □ □ □	1 Solid ■ □ □ □ □	2 Solid ■ ■ □ □ □	3 Solid ■ ■ ■ □ □	4 Solid ■ ■ ■ ■ □
Battery Capacity:	Below 5%	5-25%	26-50%	51-76%	76% - Full

When charging, the indicator lights will flash one by one. The number of solid lights indicates the battery capacity. When all the indicator lights are solid then the Jump Starter is fully charged.

CHARGING THE JUMP STARTER:



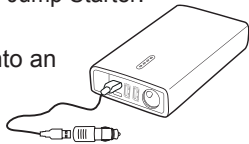
NOTE: In order to reduce the risk of fire or electric shock, an adapter shall be chosen that is suitable for the application and is certified as a Class 2 or LPS power supply or power adapter.

At home:

1. Plug the USB cable into computer or any USB 2A wall adaptor (not included).
2. Connect the micro USB cable onto the Jump Starter.

In Car:

1. Plug the USB car adaptor (included) into an available 12V socket.
2. Connect the micro USB cable onto the Jump Starter.

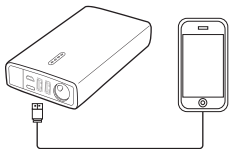


NOTE: It is recommended to recharge the Jump Starter every 3-4 months to maintain the efficiency and prolong the service life of the internal battery even if the unit has not been used.

CHARGING YOUR USB DEVICES:

Use the original manufacturer's USB cable that came with your device and plug into one of the USB output ports. You can charge two devices at the same time. One of the ports has a maximum output of 2.4A while the other has a maximum output of 2.1A. Press the power button once to begin charging your device. The power level indicator will show the battery level and will turn off after 30 seconds.

To check the power capacity again, simply press the power button once.

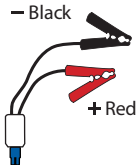


JUMP STARTING:

To jump start the vehicle battery, put the vehicle in park (neutral if the vehicle has a manual transmission) and engage the emergency brake. Locate the battery for the vehicle and follow the steps listed below.

Jumper cables are color coded, **RED** for POSITIVE (+) and **BLACK** for NEGATIVE (-).

DO NOT mix up the cables or allow the metal ends to touch together because this may damage the battery, charging system and/or electronics on a vehicle.

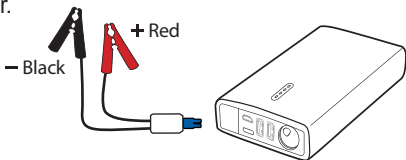


JUMP STARTING CONT.:

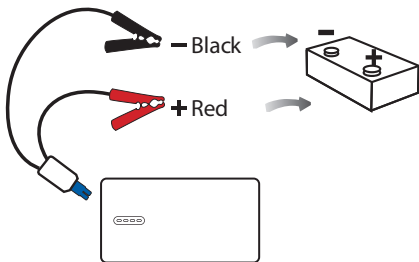
1. Press the power button on the Jump Starter once and check that the power level indicator is 3 solid lights (51%) or higher.



2. Take the **BLUE** end of the jumper cable and plug it into the power bank jump start socket which is located underneath the black cover.



3. Connect the **RED** clamp to the **POSITIVE (+)** post on the car battery. The **POSITIVE** battery post will be slightly larger than the **NEGATIVE** post, and will be marked with a **PLUS (+)** sign. There may also be a **RED** plastic protective cover over the positive battery post.



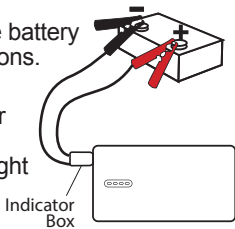
JUMP STARTING CONT.:

- Connect the **BLACK** clamp to the NEGATIVE (-) post on the car battery. The NEGATIVE will be marked with a MINUS (-) sign. There may also be a **BLACK** plastic protective cover over the negative battery post.

NOTE: Do not connect the **RED** clamp (+) and the **BLACK** clamp (-) at the same time. Connect the **RED** clamp first, then the **BLACK** clamp.

CAUTION: DO NOT lean directly over the battery while making jumper connections.

- Check the LED status on the indicator light box located on the jumper cable. Proceed to the next step unless the light is flashing **RED** and BEEPING.



Please reference the LED status chart on page 9 if needed.

- You now have 30 seconds to start your vehicle before the jump starter times out to prevent the vehicle battery from reverse charging the unit. If it does not crank or cranks very slowly, wiggle the jumper connections to make sure they are making good contact. Wait 60 seconds before trying to start your car again. Each new jump start attempt requires disconnection of both clamps from the car battery and reconnection. The engine should start if there are no other problems (such as a bad starter or ignition circuit problem). Do not attempt to jump start the vehicle more than 3 times with the Jump Starter. If the vehicle fails to start after 3 attempts, it is likely due to alternative reasons and should be checked by an auto mechanic.

JUMP STARTING CONT.:

7. As soon as the engine starts, the indicator box on the **BLACK** clamp will blink red and beep to let you know it is ok to disconnect.
8. Please disconnect the jumper cables from your car within 30 seconds. First remove the **RED**/POSITIVE (+) clamp and then the **BLACK**/NEGATIVE (-) clamp.
9. Do not allow the metal ends of the jumper cables to touch each other or the **RED** clamp to touch anything metal on the car. Now unplug the **BLUE** end of the jumper cable from the jump starter. This will reset the jumper cable. In 10 seconds the jump starter will power off automatically.
10. Keep the engine running for 20 to 30 minutes, or drive the car to recharge the battery.

NOTE: If the engine dies shortly after it has been jump started, or as soon as the jumper cables are disconnected, it probably means the vehicle charging system is not working (bad alternator, voltage regulator, wiring problem, or loose/dirty battery cables). Please seek professional help from an auto mechanic to find the root cause of the problem.

The Car Jump Starter may not work correctly for vehicles that require remote battery jumper locations (e.g.: battery located in trunk or other location). Please consult the owner's manual for your vehicle.

JUMP STARTING CONT.:

Polarity Protection Circuit Status

Status (Light & Sound Indicator)			Status Meaning:
Red Light	Green Light	Sound	
○	●	None	The car battery is ready for jump start.
●	○	None	The Jump Starter needs to be charged.
☀	☀	None	The car battery is ready for jump start. If the indicator doesn't turn solid Green, the car battery voltage is higher than the jump starter. You can still jump start your battery, but may need to charge your jump starter.
☀	○	Beeping	Disconnect the jumper cable from the car battery and jump starter. Either the car jump start is complete or there is a connection problem.
●	●	None	This status shows after 30 seconds time out. Disconnect the jumper cable from the car battery and jump starter to reset. Reconnect the jumper cable to jump start the vehicle.
○	○	None	Please contact Winplus for troubleshooting.

● Solid LED On ☀ Flashing LED ○ LED Off

WARNING:

- Always wear safety glasses when jump starting a battery (to protect your eyes), and gloves when handling a battery (to protect your hands).
- When jump starting a vehicle please ensure that the blue plug is securely fitted into the jump start socket on the jump starter.
- Ensure the battery clamps are connected correctly, and the connectors are free from rust and dirt.
- Do not allow this product to become wet. Exposure to excessive moisture will damage the unit.
- Do not immerse the product in water.
- Do not operate the product in explosive atmospheres, such as in the presence of flammable liquid, gas or dust.
- Do not modify or disassemble this product.
- Do not store in locations where the temperature may exceed 104°F (40°C).
- Charge only using the charger provided.
- Under extreme heat conditions, battery leakage may occur. Avoid contact with your skin. In case of skin or eye contact, rinse immediately with clean water and seek medical attention.
- If battery leakage occurs, take it to your local battery recycling center for disposal. Do not attempt to use.
- Do not place the jump starter on the floor, or at a height less than 18 inches (457mm) above the floor, during use in a repair facility.
- This car jump starter is for use with 12V vehicles only. Using on non-12V vehicles may cause serious damage to the vehicle, jump starter, or injury to the user. Refer to the owner's manual for the vehicle if you are uncertain what voltage the vehicle runs on.

BATTERY DISPOSAL

The battery is self-contained and not consumer replaceable. The battery must be disposed of properly when it no longer holds a charge. Proper charging practices will increase the life of the product. For information on battery recycling, call toll-free 800-822-8837.

For information regarding air travel safety with batteries please check the U.S. Department of Transportation prior to travel at: <http://phmsa.dot.gov/safetravel/batteries>

Note: The Car Jump Starter contains the equivalent of 2.4g of lithium and gives 29.6 watt hours of power.

WARNING CONT.:

IMPORTANT SAFETY INSTRUCTIONS

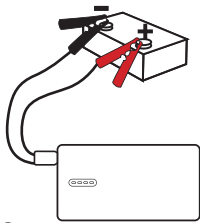
WARNING - When using this product, basic precautions should always be followed, including the following:

- a) Read all the instructions before using the product.
- b) To reduce the risk of injury, close supervision is necessary when the product is used near children. Children should not operate this device unless under strict supervision by a person responsible for their safety.
- c) Do not put fingers or hands into the product.
- d) Do not use any attachment that is not sold by jump starter manufacturer which may result in a risk of fire, electric shock, or injury to persons.
- e) To reduce risk of damage to the electric plug and cord, pull the plug rather than the cord when disconnecting the jump starter.
- f) Do not use a battery pack or appliance that is damaged or modified. Damaged or modified batteries may exhibit unpredictable behavior resulting in fire, explosion or risk of injury.
- g) Do not operate the jump starter with a damaged cord or plug, or a damaged output cable.
- h) Do not disassemble the jump starter; take it to a qualified service person when service or repair is required. Incorrect reassembly may result in a risk of fire or electric shock.
- i) To reduce the risk of electric shock, unplug the jump starter from the outlet before attempting any instructed servicing.
- j) **WARNING - RISK OF EXPLOSIVE GASES.**
 - 1) **WORKING IN VICINITY OF A LEAD ACID BATTERY IS DANGEROUS. BATTERIES GENERATE EXPLOSIVE GASES DURING NORMAL BATTERY OPERATION. FOR THIS REASON, IT IS OF THE UTMOST IMPORTANCE THAT YOU FOLLOW THE INSTRUCTIONS EACH TIME YOU USE THE JUMP STARTER.**
 - 2) To reduce risk of battery explosion, follow these instructions and those published by battery manufacturer and manufacturer of any equipment you intend to use in vicinity of the battery. Review cautionary marking on these products and on engine.

WARNING CONT.:

k) PERSONAL PRECAUTIONS

- 1) Consider having someone close enough by to come to your aid when you work near a lead-acid battery.
 - 2) Have plenty of fresh water and soap nearby in case battery acid contacts skin, clothing, or eyes.
 - 3) Wear complete eye protection and clothing protection. Avoid touching eyes while working with battery.
 - 4) If battery acid contacts skin or clothing, wash immediately with soap and water. If acid enters eye, immediately flood eye with running cold water for at least 10 minutes and get medical attention immediately.
 - 5) NEVER smoke or allow a spark or flame within the vicinity of battery or engine.
 - 6) Be extra cautious to reduce risk of dropping a metal tool onto battery. It might spark or short-circuit battery or other electrical part that may cause explosion.
 - 7) Remove personal metal items such as rings, bracelets, necklaces, and watches when working with a lead-acid battery. A lead-acid battery can produce a short-circuit current high enough to weld a ring or the like to metal, causing a severe burn.
- l) When charging the internal battery, work in a well ventilated area and do not restrict ventilation in any way.
- m) Under abusive conditions, liquid may be ejected from the battery; avoid contact. If contact accidentally occurs, flush with water. If liquid contacts eyes, additionally seek medical help. Liquid ejected from the battery may cause irritation or burns.
- n) Do not expose a jump starter to fire or excessive temperature. Exposure to fire or temperature above 130°C (266°F) may cause explosion.
- o) Have servicing performed by a qualified repair person using only identical replacement parts. This will ensure that the safety of the product is maintained.
- p) Attach output cables to a battery and chassis as indicated below. Never allow the output clamps to touch one another.
- q) Dropping, hitting, or other excessive amounts of force to the Jump Starter may damage the unit (external and internal), which may result in loss of operation, electrical fire, or cause other serious damage.



SAVE THESE INSTRUCTIONS

WARRANTY:

WINPLUS NORTH AMERICA LIMITED WARRANTY

Winplus North America warrants, to the original purchaser, that its products are free from defects in material and workmanship for 1 year from the date of original purchase. Where permitted by law, Winplus North America's liability shall be limited to that set forth in this limited express warranty. This limited express warranty shall be the exclusive remedy of the purchaser and Winplus North America makes no other warranty of any kind aside from the limited express warranty stated above.

NOTE: Warranty only applies for North American customers of purchases made in North America.

CONDITIONS OF WARRANTY

If during the 1 year warranty period your new product is found to be defective, Winplus North America will repair such defect, or replace the product, without charge for parts or labor subject to the following conditions:

1. All repairs must be performed by Winplus North America.
2. All warranty claims must be accompanied by a copy of the sales receipt or bill of sale.
3. The equipment must not have been altered or damaged through negligence, accident, improper operation, or failure to follow the product instructions for installation, use, or care.
4. The replacement of parts is excluded from the warranty when replacement is necessary due to normal wear and tear.
5. Repair or replacement parts supplied by Winplus North America \ under this warranty are protected only for the unexpired portion of the original warranty.
6. This is a "repair or replace" warranty only, and does not cover the costs incurred for the installation, removal or reinstallation of the product, or damage to any mobile phone, electronic device or vehicle.

WARRANTY CONT.:

OWNER'S RESPONSIBILITIES:

Winplus North America will make every effort to provide warranty service within a reasonable period of time. SHOULD YOU HAVE ANY QUESTIONS ABOUT SERVICE RECEIVED OR IF YOU WOULD LIKE ASSISTANCE IN OBTAINING SERVICE, PLEASE CALL TOLL FREE 1.866.294.9244 DURING REGULAR BUSINESS HOURS, MONDAY THROUGH FRIDAY 9:00 AM TO 5:00 PM (Pacific Standard Time). For customer service and technical support, please call us at 1.866.294.9244 or email us at customercare@winplususa.com. If at that time it is determined that a replacement unit is needed, the support representative will issue a Return Authorization and instruct on how to get a new unit. Winplus North America makes no other warranty of any kind aside from the limited express warranty stated herein.

DISCLAIMER OF WARRANTIES, INCLUDING WARRANTY OF MERCHANTABILITY AND WARRANTY OF FITNESS FOR PARTICULAR PURPOSE: EXCEPT AS SPECIFICALLY SET FORTH HEREIN, NO WARRANTY OR REPRESENTATION, EXPRESS OR IMPLIED, IS MADE AS TO THE CAR JUMP STARTER. WINPLUS NORTH AMERICA AND/OR ITS AFFILIATES EXPRESSLY DISCLAIMS, WITHOUT LIMITATION, ANY STATUTORY WARRANTIES AND ALL IMPLIED WARRANTIES, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

Winplus North America and/or its affiliates are not responsible for a user's intended or actual use of the Car Jump Starter. In no event shall Winplus North America and/or its affiliates have any liability for any losses (whether direct or indirect, in contract, tort or otherwise) incurred in connection with the Car Jump Starter, including but not limited to damaged property, personal injury and/or loss of life. Neither shall Winplus North America and/or its affiliates have any liability for any decision, action taken based on relying on the stability or performance of the Car Jump Starter. Winplus North America and/or its affiliates, the manufacturer, distributor and seller shall not be liable for any injury, loss or damage, incidental or consequential, arising out of the use or intended use of the product.



NOTE: This equipment has been tested and found to comply with the limits for 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 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 the 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.

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.

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

The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications or change to this equipment. Such modifications or change could void the user's authority to operate the equipment.

WARNING: This Jump Start is only intended to jump start 12V gas cars, trucks, boats, or motorcycles with an internal combustion engine and single lead-acid battery systems. Do not use this device to jump start batteries outside of these four types of vehicles; doing so may cause a fire or other serious injuries. Refer to the user manual for additional safety information.

PROP 65 WARNING: This product contains chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.



Have a comment or question? Email us at: customercare@winplususa.com or visit us online at www.winplus.com

TROUBLESHOOTING:

Issue	Cause	Remedy
Cannot Jump Start	Wrong clamp connection	Make sure to clamp the RED jumper cable to the POSITIVE (+) post on the car battery. And BLACK jumper cable to NEGATIVE (-) post or car interior. Refer to Page 6 for details.
	30-Second timer to jump start has expired.	Jump starter timed out. Disconnect the cables from the vehicle battery and reconnect.
	Low battery status	Recharge the unit via USB cable until at least three solid lights or 51% charge.
LED light on the clamp box keeps flashing	Protection circuit is working	Refer to the status table on the indicator box or page 9 of the manual.
Flashing is not working	Low battery	Recharge the unit via USB cable.
	The unit is charging	As a safety precaution, the flashlight light will not work while the unit is charging. Please unplug the unit from charging or wait until the unit finishes charging before using the light.
No wall adaptor	Charge via USB cable	Plug the USB cable into computer or any USB 2A wall adaptor.
No Indicator Light	Low battery	Refer to Power level indicator on page 4 of the manual.
	Power bank in off mode	Press the power on/off.

WINPLUS®

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