



Jump Starter 1000A

Owners Manual



Heavy-Duty 1000A Jump Starter

FULLY CHARGE FIRST!



For optimal performance, charge your Cobra Jump Starter prior to first use and every 12 months.

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IMPORTANT SAFETY INSTRUCTIONS

Precautions when working with the Jump Starter 1000A:

-  **WARNING:** Keep the unit clear of fire and water.
-  **WARNING: Shock Hazard.** Keep away from children. Do not insert fingers or foreign objects into the Jump Start Cable Output, the USB Output Ports, or the 12V Jump Start Port. Do not submerge this product in water, expose to rain, snow, condensation, or spray for long periods. Do not open the Jump Starter 1000A. The battery is self-contained and there are no user replaceable parts inside the Jump Starter 1000A. Do not use the Jump Starter 1000A if it is damaged or modified. Damaged or modified batteries may exhibit unpredictable behavior resulting in fire, explosion, or risk of injury.

Do not operate the Jump Starter 1000A or accessories with a damaged cord or plug. To reduce the risk of damage to cords pull from the connector rather than the cord when unplugging. Use of an accessory or an attachment not included with or recommended for the Jump Starter 1000A may result in a risk of fire, electric shock, or injury.

-  **WARNING: Explosion Hazard.** Do not use this product where there are flammable fumes or gases, such as an inadequately vented bilge of a boat or near propane tanks. Do not use this product in an enclosure containing automotive-type lead-acid batteries.

-  **WARNING: Fire Hazard**
Do not crush or puncture.


CAUTION: Operating temperature and environment

Do not expose to temperatures over +113° F (+45° C) or under 14° F (-10° C). Using at high or low temperatures may reduce the internal battery capacity and shorten the battery life. Exposure to fire or temperatures over +265° F (+130° C) may cause explosion. Exercise care when using in wet conditions.

Note: In extreme cold weather conditions, please store indoors for best results.

Under abusive conditions, liquid may be ejected from the battery; avoid contact. Liquid ejected from the battery may cause irritation or burns.

Note: If contact accidentally occurs, flush with water. If liquid contacts eyes, additionally seek medical help.

-  The Jump Starter 1000A is supplied with a rechargeable Lithium-Ion battery. When charging the Jump Starter 1000A work in a well ventilated area and do not restrict ventilation in any way. Proper charging practices will increase the life of the batteries. The unit and battery must be disposed of properly when it no longer holds a charge. For information on battery recycling call toll free 800-822-8837.

CAUTION: This device is not intended for use in a commercial repair facility.

Precautions when working with vehicle batteries:



WARNING: Explosion and fire hazard

1. Follow all instructions published by the battery manufacturer and the manufacturer of the equipment in which the battery is installed.
2. Make sure the area around the battery is well-ventilated.
3. Never smoke or allow a spark or flame in the vicinity of the engine or batteries.
4. Be careful not to drop a metal object on the battery or allow a metal tool to simultaneously touch the positive and negative cable ends or battery terminals.
5. Remove personal metal items such as rings, bracelets, necklaces, and watches when working with batteries. Batteries produce a short-circuit current high enough to weld a ring or other similar objects to metal, causing a severe burn.
6. If you need to remove a battery, always remove the negative terminal from the battery first. Make sure all accessories are off to prevent causing a spark.
7. Someone should be within range of your voice, or close enough to come to your aid when you work near batteries.
8. Have plenty of fresh water, soap and a supply of baking soda on hand in the area of the batteries in case of contact with battery acid. Baking soda neutralizes lead acid battery electrolyte.

Note: In extreme cold weather conditions, please store indoors for best results.

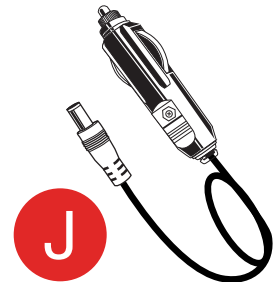
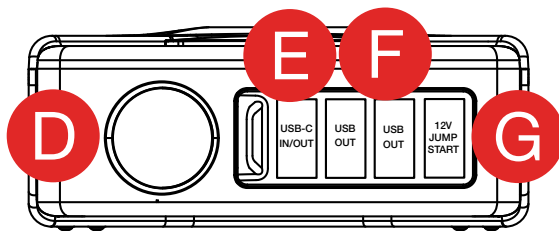
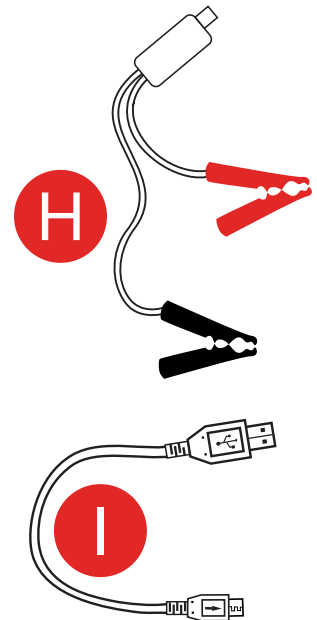
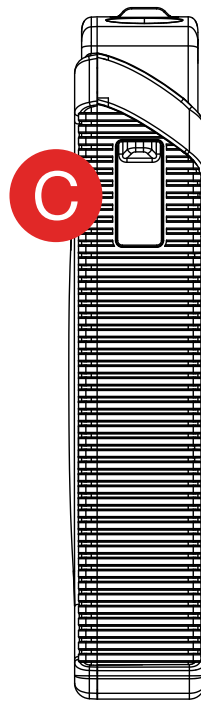
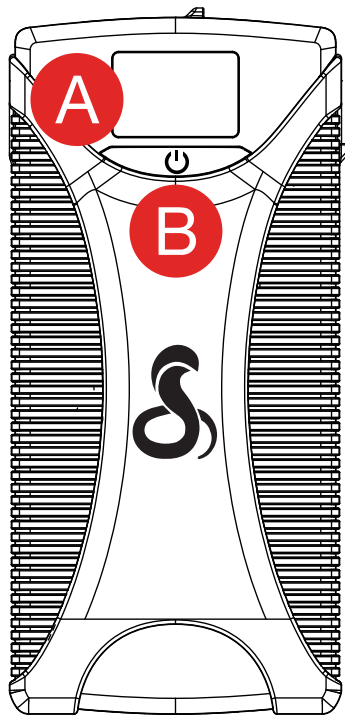
Note: When charging a device(s) the charge level may be lower than the actual battery charge level because the Jump Starter 1000A cannot accurately measure the charge level during rapid charging. To confirm the actual battery charge level, disconnect the device(s) being charged and press the power button.

The Jump Starter 1000A is designed for gasoline and diesel powered passenger cars and light duty trucks in good working order with batteries that are not damaged but require assistance commonly due to leaving lights on, cold temperature, or sitting unused for limited periods of time.

The Jump Starter 1000A uses a special high current battery to provide up to 1000 peak amps to start your engine. This can be used to jumpstart multiple vehicles on a single charge, or if needed, multiple jumpstart attempts on a single vehicle. However after 4 repeated jumpstarts in a short period of time the Jump Starter 1000A will go into recovery mode for 10 minutes to prevent the battery from overheating.

The Jump Starter 1000A is intended to jump start a vehicle with a battery that is not completely discharged. After jumpstarting your vehicle or regularly charging devices with the Jump Starter, the unit should be recharged to full in order to keep the battery in healthy condition.

Jump Starter 1000A Features



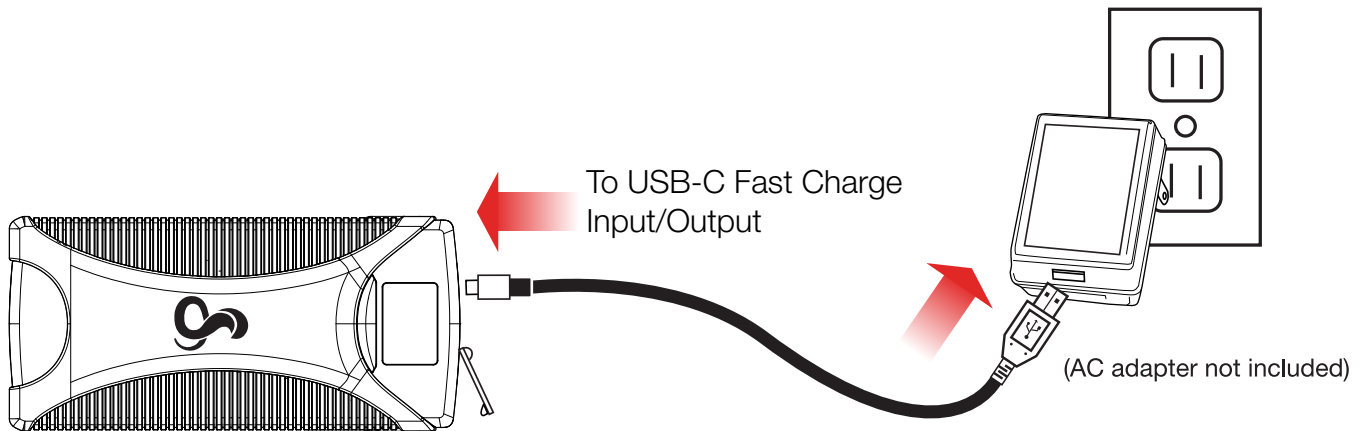
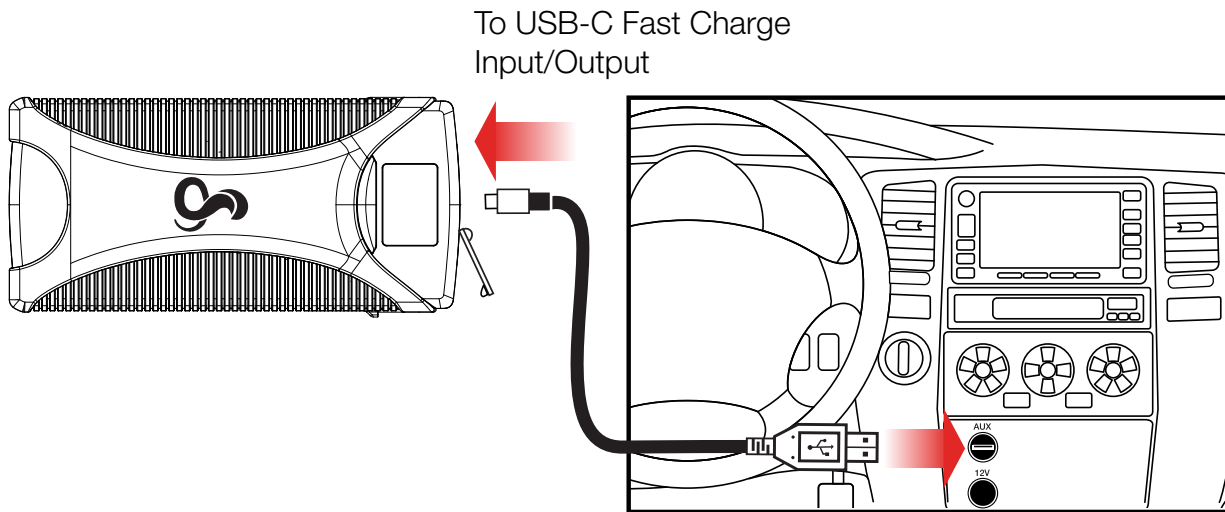
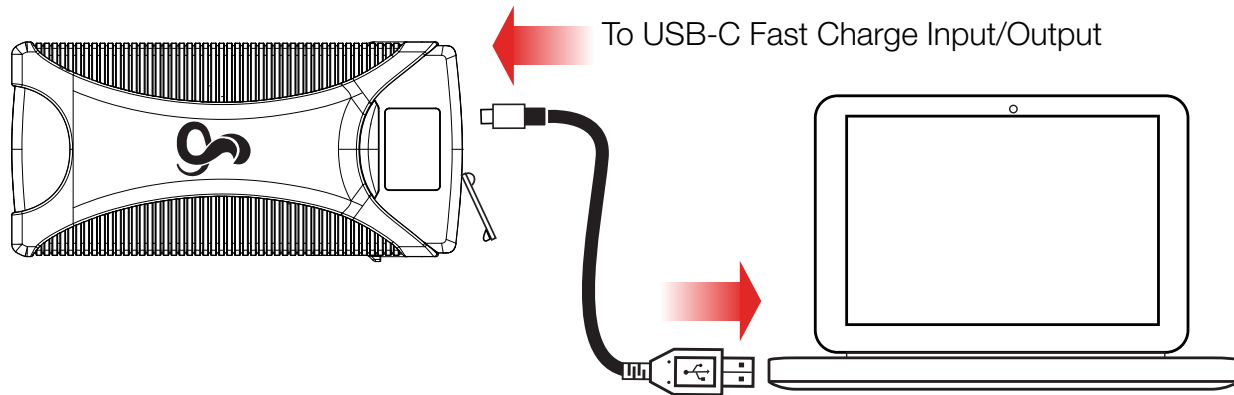
- A.** LED Display
- B.** Power/Flashlight Button
- C.** Jump Start Connector
- D.** LED Flashlight
- E.** USB-C Fast Charge Input/Output
- F.** (2) USB-A Fast Charge Outputs
- G.** 12V Jump Start Connector
- H.** Battery Clamps
- I.** USB-C to A Cable
- J.** 12V Jumper Cable

Re-Charging Your Jump Starter 1000A

The Jump Starter 1000A is recharged through the USB-C input/output port on the Jump Starter with either the included charging cable or any compatible USB-C charging cable.

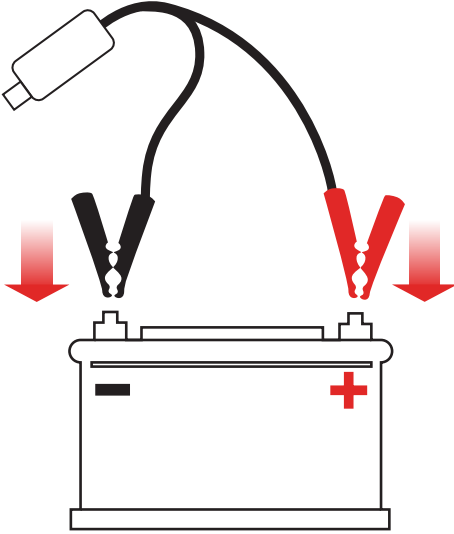
When the Jump Starter 1000A is charging, the battery percentage will flash on the screen indicating that charging is occurring. At full charge or when the charging cable is removed, the current battery percentage will stop flashing and the display will turn off after 15 seconds.

For best battery performance the Jump Starter 1000A should be fully recharged every 12 months or as needed based on your usage levels.

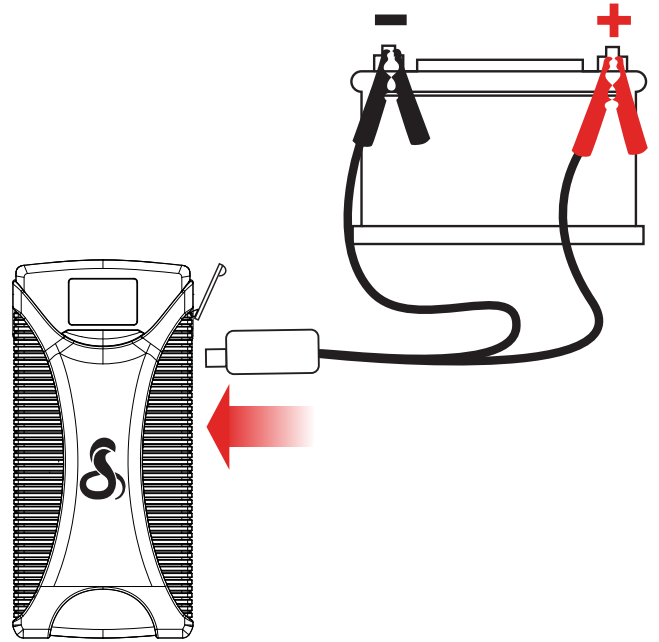


Jump Starting Your Vehicle - Direct-to-Battery

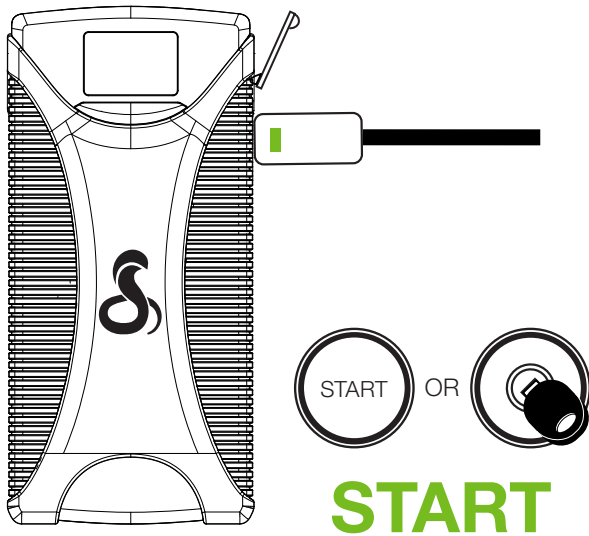
- 1** Connect the jumper cable clamps to the battery terminals (First, **Red** to Positive, then **Black** to Negative)



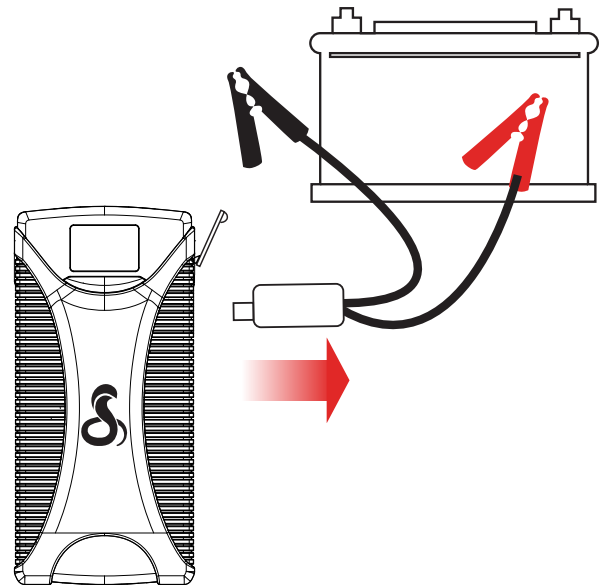
- 2** Connect the jumper cable to the Jump Starter 1000A



- 3** Wait for the green LED on the jumper cable to light up and then start your vehicle

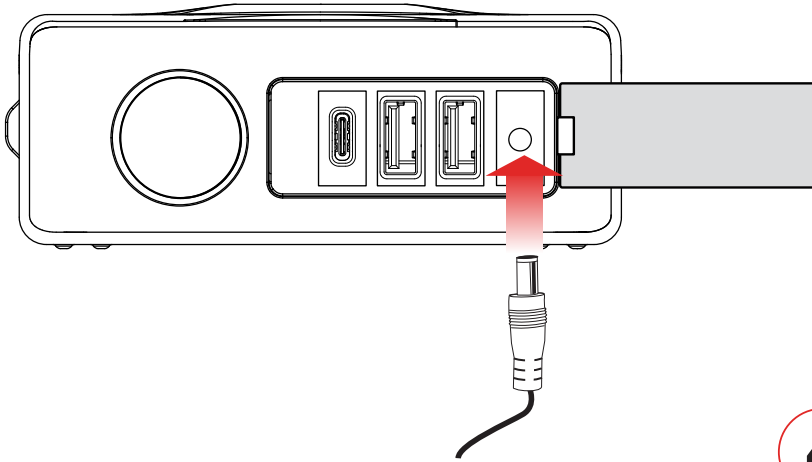


- 4** Disconnect the jumper cable from the Jump Starter 1000A and then from the battery

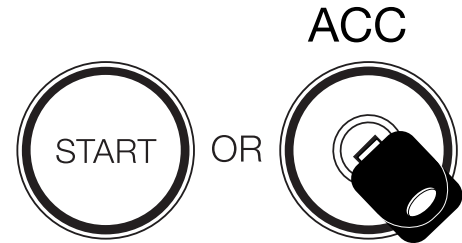


Jump Starting Your Vehicle – In-Car

- 1 Turn off all vehicle accessories.
Connect the jumper cable to the Jump Starter 1000A

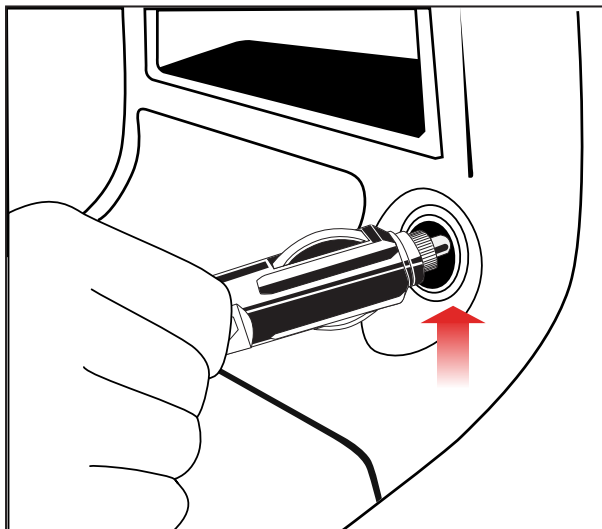


- 2 Depending on your vehicle, push the START button to Accessory mode or turn the ignition switch to the Accessory position

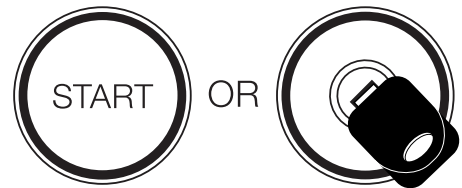


- 3 Connect the jumper cable plug into the vehicle's 12V accessory port

NOTE: The 12V plug is used for in-car jump starting only. For instructions on recharging the Jump Starter 1000A, please see "Re-Charging Your Jump Starter 1000A"



- 4 Wait for "Output Ready" and 5 solid charging bars on your Jump Starter's LED screen and then start your vehicle.



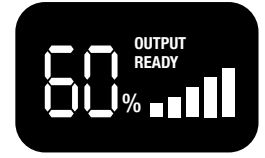
- 5 Disconnect the Jump Start cable from the 12V accessory port and from the Jump Starter 1000A. Leave the engine running for at least twenty minutes to allow the vehicle's battery to recharge.

NOTE: The in-car battery charging from the Jump Starter 1000A will take up to 15 minutes. If your vehicle does not start with the in-car method, try the direct-to-battery method.

In-Car Jump Starting FAQ

How do I know if my battery is charging?

When the 12V jumper cable is plugged into the Jump Starter 1000A and the vehicle's 12V accessory port, the LED screen will show a flashing 5-bar graph and the word 'Output'. As your battery charges the flashing bars will begin to turn solid one at a time until the vehicle is ready to start, at which point a 'Ready' message will appear on the screen and you are ready to start your vehicle.



How long will it take to charge?

In-car jump starting will take longer than jump starting with a direct-to-battery connection, up to 15 minutes total. If your vehicle does not start with the in-car method, try to jump start with the direct-to-battery method.

What if I don't see the charging bars?

If the Jump Starter 1000A does not have enough charge to jump start from within the car, the current battery percentage will flash and a caution image will appear. In that case you will need to jump start your vehicle by using the direct-to-battery method.



Tri-Color Status LED:

The Status LED on the jump start cable will illuminate and the color will change if the following conditions are present:

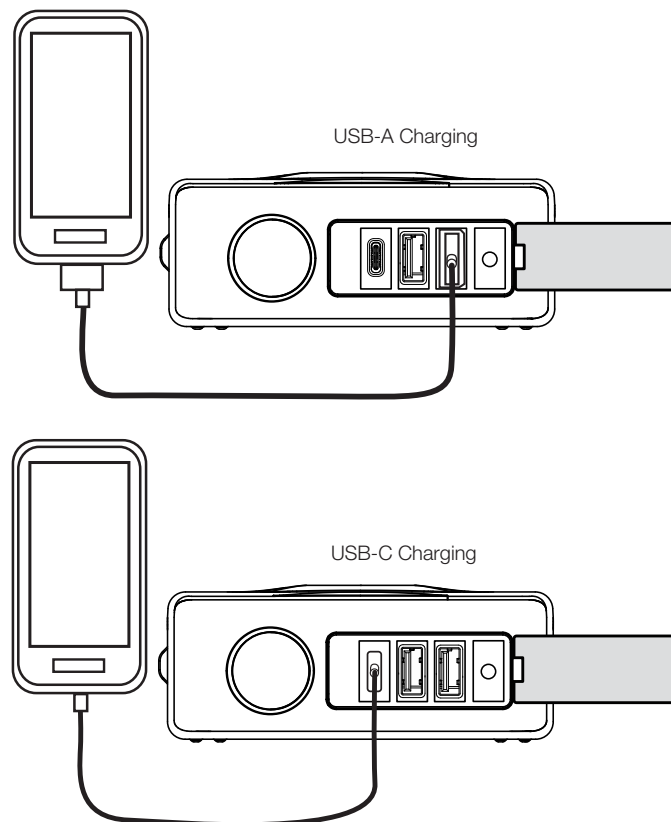
LED	CONDITION
No LED	Connection not detected or the Jump Starter 1000A battery is depleted. Check the battery charge level and verify the connection of the jumper cable to the Jump Starter 1000A.
Solid Red	Reverse polarity connection. Reverse the clamps.
Flashing Red	Over-current protection. Wait for 30 seconds and then retry connection.
Solid Yellow	Solid contact established and charging for jump start.
Flashing Yellow	Either the cables are not properly connected or the Jump Starter 1000A is too hot. Remove cable and retry connection.
Red and Green Flashing Alternatingly	Safety feature to prevent the battery from overheating from too many jump start attempts in a short period of time. Remove cable and wait a few minutes.
Solid Green	Ready to jump start your vehicle.

Charging Your Devices

To charge a 5V USB device, connect the device's cable to either the Jump Starter 1000A's USB-A or USB-C Outputs, depending on the type of device. Once your devices have been connected to the Jump Starter, press the power button to wake the Jump Starter from standby mode and it will begin charging automatically.

If at least one device is connected and charging through the USB outputs, the display screen on the Jump Starter 1000A will show the current battery percentage.

When all devices have been charged or all output cables have been disconnected, the Jump Starter 1000A display will turn off after 15 seconds.



LED Flashlight (ON/OFF):

1. Press and hold the Power/Flashlight button for 2 seconds to turn on the LED flashlight.
2. After the flashlight has been on for longer than 2 seconds, simply press the Power/Flashlight button to turn off the LED flashlight.

LED Flashlight (Strobe and SOS):

1. Press and hold the Power/Flashlight button for 2 seconds to turn on the LED flashlight.
2. Quickly press the Power/Flashlight button within 2 seconds of the flashlight turning on to activate Strobe mode.
3. Quickly press the Power/Flashlight button again within 2 seconds of activating strobe mode to switch to SOS mode.
4. Press the Power/Flashlight button again to turn off the flashlight.

Specifications

Battery:	Lithium-Ion 44.4 Wh (3.0Ah, 14.8V)
Size:	6.93" x 3.43" x 1.37" (LxWxD)
Weight:	1.25 lbs
Starting/Peak Current:	400 Amps/1000 Amps
USB-A Output 1:	5V==2.4A
USB-A Output 2:	5V==3A
USB-C Output:	5V==3A
USB-C Input:	5V==2A, 9V==1.67A
Car Charger Output:	15V==8 Amps

Troubleshooting

1. After unboxing your Jump Starter.

It is recommended that you charge your Jump Starter to full before using it to jumpstart any vehicles or putting it in long-term storage. After charging to full prior to first use, recharge your Jump Starter every 12 months or when it gets low after continued use.

2. Charging your Jump Starter.

While you can charge your devices using either the USB-C or USB-A ports, you can only recharge your Jump Starter using the USB-C port. **You cannot use the 12V jumpstart port to recharge your Jump Starter, that port is only for in-car jumpstarting.**

3. Where to look to see when your car is ready to jumpstart.

Direct-to-Battery Jumpstarting: On the side of your jumper cables there will be a LED light to indicate the status of your jumpstart. When the LED light is solid green you are ready to jumpstart your vehicle. See the Tri-Color Status LED Table for full LED light details.

In Car Jumpstarting: The LED screen on your Jump Starter will begin to show a flashing bar graph as you initiate In Car jumpstarting. When it is complete and your car is ready to jumpstart you will see a solid 5-bar graph and the words "Output Ready".

4. What to do when the LED light on your jumper cables does not turn on after connecting to your Jump Starter and car battery.

If your jumper cable LED light is not turning on after connecting to your Jump Starter and car battery, unplug your jumper cables for 30 seconds and check your Jump Starter's current battery charge before reconnecting the cables.

Limited 1-Year Warranty

Warranty Terms:

Cobra warrants your product against all defects in materials and workmanship for a period of one (1) year from the date of original purchase.

Cobra, at our sole discretion, will repair or replace your product (with the same or comparable product) free of charge.

Cobra will not pay shipping charges that you incur for sending your product to us. Products received COD will be refused.

To make a warranty claim, we will require proof of purchase in the form of an invoice or receipt. No proof of purchase is required for factory direct purchases.

Warranty Exclusions: Warranty does not apply to your product under any of the following conditions: 1. The serial number has been removed or modified. 2. Your product has been subjected to misuse or damage (including water damage, physical abuse, and/or improper installation). 3. Your product has been modified in any way. 4. Your receipt or proof-of-purchase is from a non-authorized dealer or internet auction site including E-bay, U-bid, or other non-authorized resellers.

LIMITATION OF WARRANTY: EXCEPT AS EXPRESSLY PROVIDED HEREIN, YOU ARE ACQUIRING THE PRODUCT “AS IS” AND “WHERE IS”, WITHOUT REPRESENTATION OR WARRANTY. COBRA SPECIFICALLY DISCLAIMS ANY REPRESENTATION OR WARRANTY INCLUDING, BUT NOT LIMITED TO THOSE CONCERNING THE MERCHANTABILITY AND SUITABILITY OF THE PRODUCT FOR A PARTICULAR PURPOSE. COBRA SHALL NOT BE LIABLE FOR CONSEQUENTIAL, SPECIAL OR INCIDENTAL DAMAGES INCLUDING, WITHOUT LIMITATION, DAMAGES ARISING OUT OF THE USE, MISUSE OR MOUNTING OF THE PRODUCT.

The above limitations or exclusions shall be limited to the extent they violate the laws of any particular state. Cobra is not responsible for products lost in shipment between the owner and our service center.

General Warranty Information

Each product we manufacture is covered by our factory warranty. While each product may have unique components and policy, the general guideline below will apply to most Cobra products.

All Cobra products purchased factory-direct or from our Authorized Resellers will come with a full one to three (1-3) year warranty from the date of the original retail purchase (see policy statement above for full warranty details and exclusions).

Standard accessories packaged with each model will have a one-year factory warranty.

Accessory items have a one-year factory warranty.

Shipping to our facility is not covered in our warranty. Return shipping is included within the US.

This warranty is non-transferrable.

For the sake of clarity, ‘repair or replace the Product or its defective part’ does not include removal or installation work, costs or expenses which include but are not limited to labor costs or expenses.

Cobra will not be responsible for lost packages.

Product Service

If you have any questions about operation or installing your new Cobra product, PLEASE CONTACT COBRA FIRST...do not return this product to any retail store.

The contact information for Cobra will vary depending on the country in which you purchased and utilize the product. For the latest contact information, please go to www.cobra.com/support

For products purchased in the U.S.A. you may call 800-543-1608.

For products purchased in the U.S.A., if your product should require factory service, please go to www.cobra.com/support and follow the instructions for returning your product to the Cobra Factory Service Department for service.

Should there be any problems with this product or further information is needed on its features please visit www.cobra.com for support, frequently asked questions, Declarations of Conformity, and full manuals.

For Products Purchased Outside the U.S.A. or Canada

Please contact your local dealer for product service information.

For Products Used in Canada

Industry Canada Notice

This device complies with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions:

- 1 this device may not cause interference, and
- 2 this device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes:

- 1 l'appareil ne doit pas produire de brouillage, et
- 2 l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Ordering Info

You can find quality Cobra products and accessories at your local Cobra dealer, or in the U.S.A., you can order directly from Cobra.

Please visit www.cobra.com

Web orders will normally ship the next business day if received by us before 2:00 PM Eastern Time. Orders do not ship on weekends or holidays. All standard deliveries are Monday-Friday only. Saturday delivery can be requested in certain areas of the country for an additional shipping fee by calling Sales at **800-543-1608**.

Certain orders may require additional days to process prior to shipping. Holidays may also impact processing and shipping time frame. Occasionally, items may not ship due to inventory depletion. If you need your item to be expedited, **we recommend calling Sales at 800-543-1608**.

Order Acceptance

Once your order has been accepted and processed, you will receive an email that will include the shipping carrier and tracking information.

Shipping and Delivery

Free ground shipping is included to 48 states. Hawaii, Alaska and Puerto Rico ship based on assessed fee at checkout.

We require a physical address for shipping. Sorry, no P.O. Boxes or APO/FPO addresses. Please select 2-day or next day air for shipments to Hawaii or Alaska. Shipping charges are calculated on a per-product basis. Please make note of the shipping charges associated with each item.

** For safety reasons, we cannot ship power packs/Jump Starters via air delivery methods. These items are available to ship via ground service only.

**For your protection, some orders may require a signature for delivery.

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Cobra Electronics Corporation™ is a trademark of Cobra Electronics Corporation, USA.

Other trademarks and trade names are those of their respective owners.