

DURACELL®

1100 Amp Li-Ion Jump-Starter

(DRLJS110B/DRBTLC) Bluetooth™

IMPORTANT: SAVE THESE INSTRUCTIONS

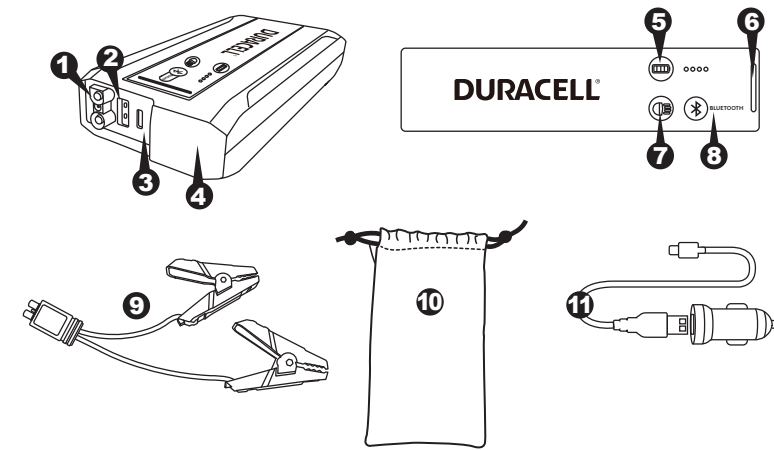
Misusing or incorrectly connecting the DURACELL® Jump-Starter may damage the equipment or create hazardous conditions for users.

1. Download the PowerHub™ app

The PowerHub™ app enables advanced features:

- Battery monitoring and alerts
- Interactive step-by-step guide
- Live support

2. Product details



- 1: Jump-start port** connects to jump-start clamps.
- 2: USB port (2.4 Amps)** charges smartphones, tablets and other devices.
- 3: Charging 'IN' port** connects to USB cable to recharge the Jump-starter.
- 4: LED flashlight** features high beam, low beam and emergency/SOS mode.
- 5: Battery level button and LED gauge** displays battery charge level.
- 6: LED status light bar** indicates state of the Jump-Starter connection (see Section 7).
- 7: Light button** activates the LED flashlight.
- 8: Bluetooth button** Hold 3 seconds for pairing mode (requires Duracell Power App).
- 9: Jump-start clamps** with SafeJump™ feature.
- 10: Carry bag** fits into most vehicle glove boxes.
- 11: DC charger and USB cable** for recharging the Jump-Starter.

3. Charging the Jump-starter

WARNING: SHOCK HAZARD

Disconnect jump-start clamps before charging the Jump-starter.

CAUTION

Do not attempt to recharge the Jump-starter battery if it is frozen. Gradually warm the frozen battery to 32 °F (0 °C) before recharging.

IMPORTANT: FULLY CHARGE BEFORE USE

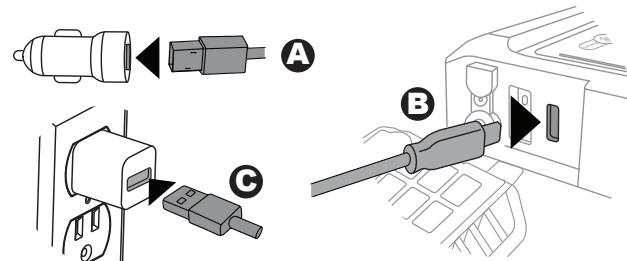
Prior to using the Jump-starter for the first time, ensure that the battery of the Jump-starter is fully charged. If the battery has been fully discharged, charging with a USB charger may take up to 4 hours.

IMPORTANT: PROPER CHARGER OUTPUT

For fastest possible recharging time, please be sure to use an AC or DC charger with a rating of 2.0 Amps or higher. The charge times shown assume the usage of a charger with a 2.0A or higher power rating.

CAUTION

The included DC charger is for charging only Li-Ion type rechargeable batteries. Other types of batteries may burst causing personal injury or damage.



Charging/re-charging the Jump-Starter

Charging times: Partially discharged (or after using jump-starter) - 30-60 minutes; fully discharged jump-starter battery - up to 4 hours

Charging with the included DC charger:

1. Disconnect any cables from the Jump-starter and USB ports.
2. Plug the DC charger into the included 12V vehicle socket (Fig. A) and connect the small micro USB end of the included USB charging cable to the 'IN' port. (Fig. B)
3. It is best to have the vehicle running while charging.

Charging with an AC charger (sold separately):

1. Disconnect any cables from the Jump-starter and USB ports.
2. Plug the USB cable into your USB wall charger (Fig. C - wall charger sold separately) and connect the small micro USB end of the included USB charging cable to the 'IN' port (Fig. B).

IMPORTANT

If you keep the Jump-starter in storage, the battery will discharge over time. Remember to recharge the battery after every use to make sure it is ready when you need it, and at least once a year. Re-charging more often will not harm the Jump-starter.

4. Checking the Jump-starter's battery level

To check the battery's charge level, press the battery level button on the Jump-Starter. The LED fuel gauge will illuminate and display the current level of available battery power. Four lights indicate a 100% charge.

IMPORTANT

Your Jump-starter will perform best when its battery is fully charged. If the LED Fuel Gauge shows less than 100% charge, it is recommended to fully recharge its battery (see Section 4: "Charging the Jump-starter").

5. Using the LED flashlight and USB port

Using the LED light

The DURACELL® Jump-Starter has a built-in emergency light to provide a safe, bright work light on the roadside and in other outdoor environments.

Press and release the light button to cycle through the 3 light modes. (High beam, Low Beam and SOS)

Using the USB port

The USB port provides up to 2.4 Amps of current to charge cell phones, smartphones, tablets and other devices.

1. Open the protective cover over the USB port.
2. Connect your USB device (smartphone, tablet, etc.) to the USB port using the USB cable supplied with your device.
3. Charging will automatically start.

6. Jump-starting a vehicle

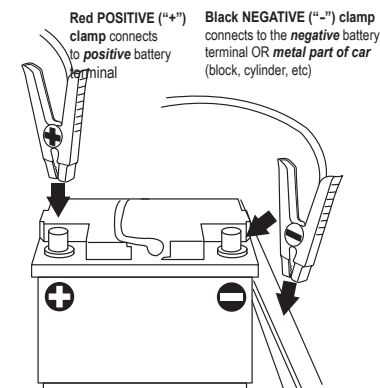
You can use the DURACELL® Jump-Starter with the supplied jump-start clamps to jump-start a vehicle or boat engine. The Jump-Starter is compatible with 12V vehicles.

WARNING: FIRE HAZARD

Do not crank the engine for more than 4 seconds. The jump-start feature is designed for short term operation only. Operating the jump-start feature for more than 4 seconds may cause damage to the unit. Allow the Jump-starter to cool down for at least 30 seconds after each jump-start.

To jump-start a vehicle engine:

1. Connect the jump-start clamps to the Jump-Starter
2. Connect the red (+) clamp to the positive (+) terminal on the vehicle battery and the black (-) clamp to the negative (-) terminal on the vehicle battery
3. Verify that the Jump-Starter and clamps are clear of any moving engine parts.
4. Start your engine. Be sure to crank for no more than 4 seconds at a time and allow for 30 seconds in between starting attempts.
5. After starting the vehicle remove the Jump-starter and recharge it.



7. Jump-Start LED bar function

Jump-start LED bar	Reason and suggestion
OFF	No clamp cable connected
Green flash	Clamp cable connected, ready to connect to vehicle
Green flash (still flashing after 5 seconds of connection to battery)	1. Turn off all vehicle accessories and lights; wait 5-10 minutes before reconnecting and try again. 2. If still flashing, the car battery may be below 3V and is unsafe to use with this jump-starter.
Solid Green	Good voltage and polarity - ready to start
Solid Red and beeping while connecting	Reverse polarity or short - recheck connections
Solid Red - OR - 4 Fuel Gauge LEDs flashing - After extended starting	Over temperature - wait for the unit to cool down and reset.
Solid Red + 1 or 2 LED on fuel gauge	Low internal battery voltage, please fully charge the unit
OFF - after 10 minutes	Timed-out for safety, press power button to reset or re-attach red clamp
Green flash after vehicle starts	Reverse charge protection - Vehicle started, remove the unit

8. Specifications

Electrical specifications

Charging Input Voltage/Current	5V/2.0A
DC Adapter Input Voltage	12V
DC Adapter Output Voltage/Current	5V / 2.1 A
Safety certifications / efficiency certifications	UL (cTUVus), CEC/BC, FCC (DC charger: CE,FCC)

Physical specifications

Length	7.66 in (19.45 cm)
Width	3.31 in (8.40 cm)
Height	1.40 in (3.55 cm)
Weight (product only)	1.47 lbs (490 g)

9. Important safety instructions

IMPORTANT: Please read these general usage-related warnings and cautions thoroughly before using this Jump-starter.

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

- Read all the instructions before using the product.
- To reduce the risk of injury, close supervision is necessary when the product is used near children.
- Do not insert fingers or foreign objects into the product.
- Do not use this product with any application of which it was not intended.
- Use of an attachment not recommended or sold by the manufacturer may result in risk of fire, electric shock or injury to persons.

WARNING: Medical equipment

This product is NOT tested, designed nor intended to be used with life support systems or any other medical devices.

 **WARNING: Proper application**

- Do not use the product 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 power pack with a damaged cord or plug.
 - Do not disassemble the power pack, contact the manufacturer when service or repair is required. Incorrect reassembly may result in a risk of fire or electric shock.
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 **WARNING: Risk of explosive gases**

WORKING IN THE 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.

To reduce risk of vehicle battery explosion, follow these instructions in vicinity of the battery. Review cautionary marking on this product and on vehicle engine.

 **WARNING: Personal precautions**

- Consider having someone close enough by to come to your aid when you work near a lead-acid battery.
- Have plenty of fresh water and soap nearby in case battery acid contacts skin, clothing, or eyes. Wear complete eye protection and clothing protection. Avoid touching your eyes while working near a vehicle battery.
- 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.
- NEVER smoke or allow a spark or flame in vicinity of a vehicle battery or engine.
- Be extra cautious to reduce risk of dropping a metal tool onto the vehicle battery. It might spark or short-circuit battery or other electrical part that may cause an explosion.
- 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.
- When charging the internal battery, work in a well ventilated area and do not restrict ventilation in any way.
- Under abusive conditions, liquid may be ejected from the battery, avoid any contact with this material. 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.
- Do not expose a power pack to fire or excessive temperature. Exposure to fire or temperature above 265°F (130°C) may cause an explosion.
- Attach output clamps to a battery and chassis as indicated in these instructions. Never allow the output clamps to touch one another.

10. Recycling

DURACELL® is committed to environmental responsibility and recommends that electronic devices be disposed of properly. Please contact your local city offices for information on recycling and disposal programs for e-waste.

FCC Statement

This device complies with Part 15 of the FCC Rules. Operation of this product 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.

This equipment has been tested and found to comply within 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