



Instruction Manual

Portable Car Jumpstarter

Overview:

This lithium battery pack is suitable for jump starting 12V battery equipped vehicles such as cars, 4WDs, boats and agricultural equipment. Plus it can also be utilised as a high capacity USB battery bank for recharging devices whilst away from mains power. The ultra compact design is far smaller than traditional jump starters sold for many years by automotive shops. It packs a 2500A peak current output, suitable for jumpstarting 4, 6 and 8 cylinder engines, into a device weighing less than a 700 grams! It can be recharged using the included USB type C cable so you can easily keep it charged up and ready to go using any standard USB wall or vehicle charger (max input 18W). Includes heavy duty crocodile battery clamps and 2.1mm DC to car accessory socket adapter (allowing you to power portable 12V appliances).

In the box:

- Car jumpstarter.
- Carry bag.
- Car accessory socket to DC jack adapter.
- Smart battery clamp plug.
- USB type C charging cable.
- Instruction manual.

Features:

- LED battery capacity display
- QC3.0 battery bank
- 2500A peak current output
- In built LED torch
- Jumpstarts 4, 6, 8 cylinder vehicles

Operation:

LED display

Press the power button to display the capacity of the jumpstarter. Whilst charging the jumpstarter the display will show the capacity increasing until 100% maximum.

Charging the jumpstarter

Connect the jumpstarter to a suitable USB car or mains wall adapter using the included USB type A to C charging cable. For the fastest recharge time use a "Power Delivery" or PD charger. A wall adapter is not included with this product.

Short press the ON/OFF button to display the current state of charge whilst recharging.

Once fully charged the display will show 100%. Disconnect charging cable once finished.

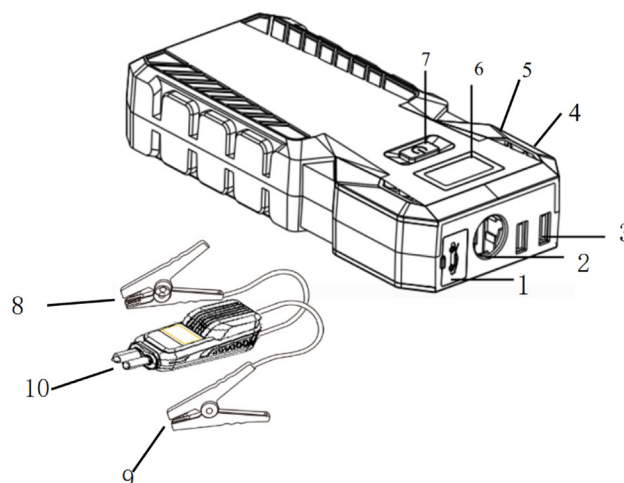
This device will not charge other devices whilst it is being charged.

Charging USB devices

Connect your smartphone or other USB rechargeable devices via the charging cable provided with the device. Press the ON/OFF button to turn the unit on. Your device will commence charging. Disconnect when charging is no longer required.

LED torch

Long press the ON/OFF button for 3 seconds to turn on the LED torch. Short press the ON/OFF button to switch between solid, SOS, alert and OFF modes.



#	Function	Operation
1.	Jump starting point	Insert the plug (10) into this point to jump start vehicle.
2.	LED torch	Modes: ON, SOS, Alert, OFF
3.	USB output	5V/3A, 9V/2A, 12V/1.5A
4.	USB input	USB type C, 5V 3A 18W
5.	DC output	12V DC 10A
6.	Battery Gauge	Displays percentage charge. Charge & discharge status.
7.	ON/OFF	Turns the unit on or off
8.	Black Clamp	Connects to negative battery terminal.
9.	Red Clamp	Connects to positive battery terminal.
10.	Jump start plug	Connects to jump starting point (1).

Specifications:

Start Current	1000A
Peak Current	2500A
Dual USB Output	5V/3A, 9V/2A, 12V/1.5A
USB Input	Type C, DC 5V/3A 18W
Weight	890g
Operating temperature	-20°C to +60°C
Dimensions	192L x 90W x 36Hmm

CAUTION:
Suitable for jumpstarting
12V vehicle batteries ONLY.

M 8195B Portable Car Jumpstarter

Operation (continued):

Jumpstart a vehicle.

NOTE THIS PRODUCT IS SUITABLE FOR 12V VEHICLES ONLY.

To jumpstart a vehicle the unit must be charged above 50%.

1. Insert the plug of the smart battery clamp completely into the jumpstarter unit. If the green and red light indicators on the battery clamp are flashing alternately you can proceed to step 2.
2. Connect the red clamp to the positive terminal (+) of the car battery and connect the black clamp to the negative terminal (-). If connected correctly the LED indicator will light up solid green. Proceed to step 3, starting your vehicle.

If the red indicator light is ON:

- The battery clamps may be connected in reverse. If so you need to disconnect the battery clamps from the vehicle and the jumpstarter unit to reset.
 - Adjust the clamps for maximum contact with the battery terminals.
3. Once the LED turns solid green you have 30 seconds to start your vehicle. If 30 seconds pass before you have started the vehicle you will need to disconnect the battery clamps and the jumpstarter unit to reset.
 4. With the vehicle running disconnect the jumpstarter from the battery terminal within 30 seconds.

NOTE: After a jumpstart the unit will most likely need to be recharged. Starting a vehicle can discharge the internal batteries rapidly.

If the vehicle fails to start.

Disconnect the battery clamp from the vehicle and the jumpstarter unit to reset. Wait at least a minute and try again.

Check the charge status of the jumpstarter unit. If capacity is below 50% the unit may be unable to provide enough cranking current to start the vehicle. Recharge the jumpstarter and try again.

Troubleshooting

Issue	Cause	Remedy
Cannot jump start	Wrong clamp connection	Ensure RED (+) clamp is connected to POSITIVE (+) battery terminal and BLACK (-) clamp is connected to NEGATIVE (-) battery terminal
	30 second timer to jump start has expired.	Jumpstarter has timed out. Disconnect from vehicle battery and reconnect.
	Low battery status	Recharge jumpstarter to >50%.
LED light is flashing.	Protection circuit is working.	Refer to the smart clamp LED indicators table on this page.
LED torch is not working.	Low battery	Recharge the unit using the USB cable provided.
	Unit is charging	LED torch does not operate whilst unit is charging.
No indicator lights	Low battery	Recharge the unit using the USB cable provided.
	Power bank off.	Long press the ON/OFF button to turn the unit on.
USB output not charging	Low battery	Recharge unit.
	USB input is connected.	USB & DC output will not operate when unit is charging.

Smart Clamp LED Indicators

Indicator	Condition
Red/green flashing	• Ready for connection to battery
Green solid	• Connection to battery made. Ready to jumpstart.
Red solid	• Battery clamps are reversed. • Battery clamps are touching (short circuit condition) • Charge status of jumpstarter too low.

WARNINGS

- This appliance is not intended for use by young children or infirm persons. Young children should be supervised to ensure they do not play with the appliance.
- To avoid electric shock or injury to the body and to prevent fire hazards, the following rules must be observed when using this equipment.
- There are no user serviceable parts inside this unit. In the event of malfunction please return to your place of purchase for servicing or replacement.
- Always wear appropriate safety equipment when jumpstarting a vehicle such as goggles and gloves.
- When jumpstarting a vehicle ensure the blue plug is securely fitted into the socket.
- Ensure battery clamps are connected reliably to the battery terminals and terminals are free from corrosion and dirt.
- Do not allow this product to become wet or immerse in water. Exposure to excessive moisture will damage the unit.
- Do not operate product in presence of explosive atmospheres, such as in the presence of flammable liquid or gas.
- Do not modify or disassemble this product.
- When not in use recharge the unit every 3 months.
- Recharge unit using only a suitable USB wall or car charger
- Under extreme heat conditions battery leakage may occur. Avoid contact with skin. In case of skin or eye irritation, rinse immediately with clean water and seek medical attention.
- If battery leakage occurs dispose of through your local authority e-waste recycling centre. Do not attempt to use unit in this condition.
- DO NOT DISPOSE OF THIS PRODUCT INTO A FIRE.
- DO NOT STORE IN LOCATIONS WHERE TEMPERATURE MAY EXCEED 40°C. NOT SUITABLE FOR LONG TERM STORAGE INSIDE A VEHICLE.

Warranty Statement

Altronic Distributors warrants this product for 12 months from date of purchase from Altronic or its resellers to the consumer. If this item is part of an installation or another product, please contact the installer or supplier for your warranty. During the warranty period, we undertake to repair or replace your product at no charge if found to be defective due to a manufacturing fault. The warranty excludes damage by misuse or incorrect installation (i.e. failure to install and operate device according to specifications in the supplied instruction manual), neglect, shipping accident, or no fault found, nor by use in a way or manner not intended by the supplier.

For repair or service please contact your PLACE OF PURCHASE.

Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure. NOT FIELD SERVICEABLE.

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