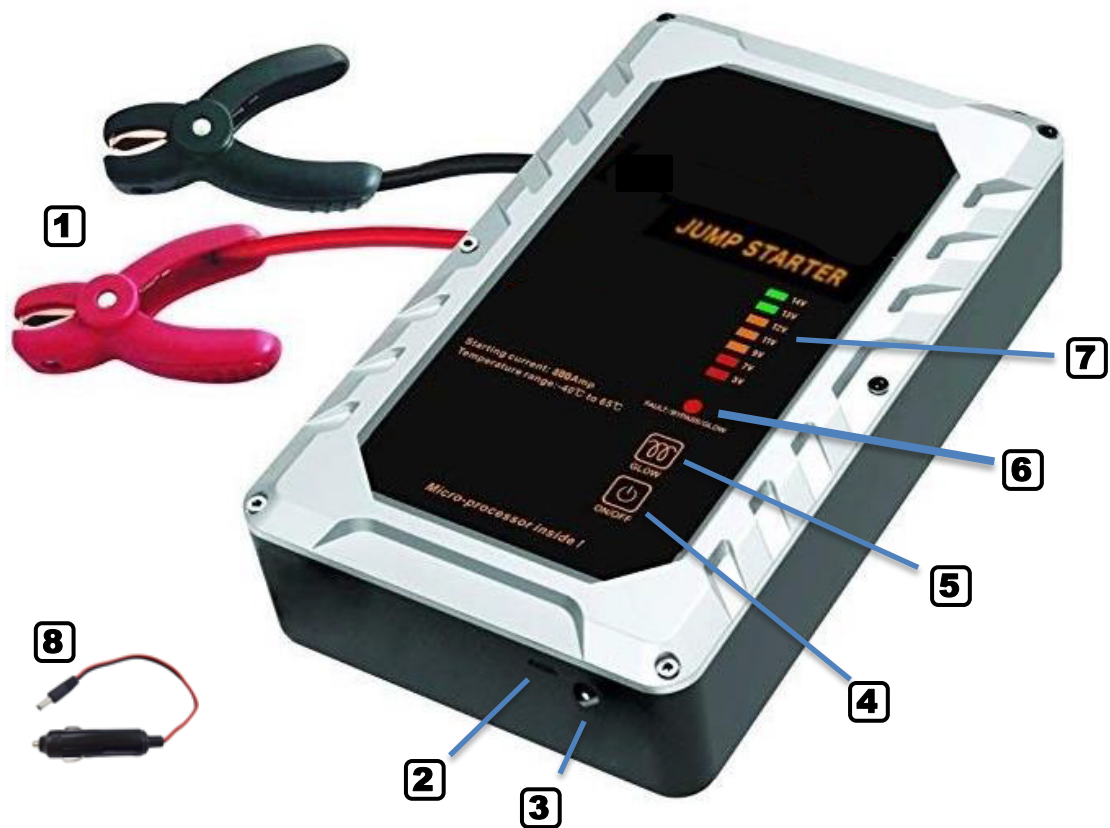


USER'S MANUAL

BATTERYLESS JUMP STARTER



1 Jumper clamps	2 5V/2A Micro USB Input Port
3 12V/10A Input Port	4 On/Off Switch
5 Glow Switch	6 Condition indicator
7 Voltage indicator	8 Cigar plug charging cable

PLEASE SAVE THIS USER'S MANUAL AND READ BEFORE EACH USE.

General Safety Guide

1. Read vehicle owner's manual: The vehicle manufacturer may have specific precautions and instructions about jumping your vehicle of which you should be aware of.
2. Please wear safety glasses and gloves while jumping your vehicle.
3. If you are not in a well-ventilated area, please do not attempt to jump start your vehicle.
4. Put your vehicle in PARK and engage the emergency brake.
5. Turn off ALL electronics in your vehicle (air conditioner, heat, radio, lights, chargers, etc.) to ensure the best performance of your jump starter.
6. Ensure key is in the "OFF" position in the ignition. For smart-key fobs (push-to start vehicles), make sure the vehicle is completely "OFF" before jump starting.

Technical Specification

Input: DC12V 10A, DC5V 2A

Working temperature: -40°C to 65°C (-40°F to 150°F)

Starting Current	450AMP	800AMP
Recharge time from battery	90 seconds	150 seconds
Recharge time from 12V socket	120 seconds	200 seconds
Recharge time from USB	20 minutes	40 minutes

THIS JUMP STARTER REQUIRES NO REGULAR MAINTENANCE.

Working Cycle

Model	Max. Operations in a row	Min. Interval between two session
SCJS450	5 TIMES	15 MINUTES
SCJS800	3 TIMES	20 MINUTES

Allow sufficient cooling time between two working sessions. Failure to do so may cause damage to the jump starter.

Condition Indicator

Condition indicator turns RED under following conditions:

1. Reverse connection.
2. Short circuit.
3. Battery voltage is lower than 3V.

Condition indicator turns GREEN under BYPASS mode.

Condition indicator blinks between RED and GREEN under GLOW mode.

How to Use

The jump starter must be pre-charged before it can be used to jump start your vehicle. The STANDARD MODE instructions will guide you on using your vehicle's weak battery to pre-charge the jump starter. If your vehicle's battery is completely discharged, or does not allow you to pre-charge, see 2.ALTERNATIVE PRE-CHARGE METHODS.

1. STANDARD MODE



Turn off headlights,A/C,audio and etc.

Please turn off all lights, audio, all AC power, etc.

In most situations, the weak battery can fully recharge the jump starter.

Follow three simple steps to get your car started!



1. Connect jumper clamps to battery terminals. The jump starter will turn on automatically. Voltage indicator will show the voltage of the vehicle's battery.



2. Press the ON/OFF button. The jump starter will start to recharge itself. Voltage Indicators show jump starter's voltage during charging.



3. After the 14V indicator stops blinking, turn on the engine.



2. ALTERNATIVE PRE-CHARGE METHODS

If your vehicle's battery is completely discharged, or is unable to recharge the jump starter, the FAULT indicator will turn on during charging. You can use alternative pre-charge methods.

1. From a battery

Connect the jump starter to a healthy battery and press the ON/OFF button. The jump starter will start to charge itself. After the 14V indicator stops blinking, disconnect the jump starter.

2. From a USB

The jump starter can be recharged from any 5V/2A USB port.

Just plug in Micro USB adapter, it starts recharging automatically.

3. From 12V socket

The jump starter can be recharged from a donator car's 12V socket.

Just plug in 12V adapter, it starts recharging automatically.

Once the jump starter is fully charged, continue with the connection and instructions in STANDARD MODE. If your vehicle's battery is completely discharged, and you are not able to start the vehicle in STANDARD MODE, you may use the BYPASS MODE.

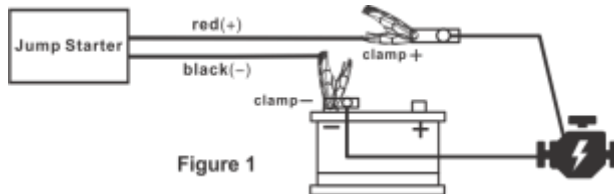
3. BYPASS MODE

If the STANDARD MODE fails, please use bypass mode.



1. Pre-charge the jump starter, using one of the alternative pre-charge methods.

2. Connect jump starter to car as Figure 1.

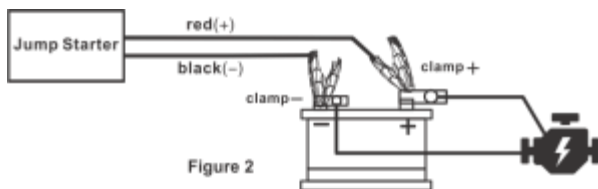


3. To activate bypass mode, press and hold the ON/OFF button until the BYPASS indicator turns on.



4. Turn on the engine.

5. As soon as the engine starts, put the positive lead to the battery terminal together with positive clamp as Figure 2. After the positive lead is fastened to the battery terminal, switch off the jump starter and disconnect from the battery.



Warning:

Do not leave engine running without the jump starter or the battery being firmly connected. Do not reverse polarity. There is no reverse or short circuit protection at bypass. Failure to comply could result in damage to the vehicle ECU.

The manufacturer will not accept responsibility for any damage caused by incorrect use of this product.

4. GLOW MODE

In cold weather, the glow plugs in most diesel vehicles will energize first to heat up the engine chamber before the engine start, as indicated by the GLOW sign on dashboard. The process needs a current of 40-60Amp and takes about 4-6 seconds. In this situation, after the jump starter is fully recharged and connected, press GLOW button, and then turn on the ignition.

NOTE GLOW is inactive under BYPASS mode.