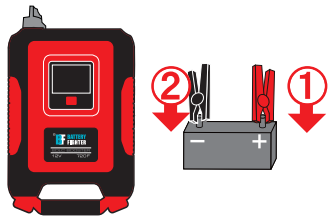


# Operation Manual

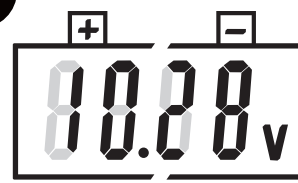
## STEP1 CHECK THE CAR BATTERY'S STATUS



Connect to battery by following the order of the instructions, Secure the battery clamp on the battery terminal.

Jump Starter turns on and starts charging automatically, then enters the following AUTO program. If it does not turn on automatically, it then enters the following manual program.

## STEP2 CHECK THE CAR BATTERY'S VOLTAGE

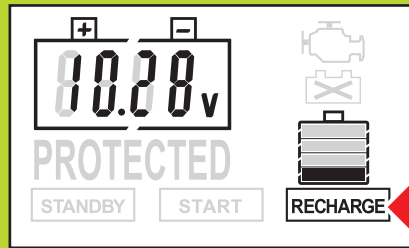


※ If the LCD does not show the voltage after the alligator clip is connected to the battery, please press the power button for 2 seconds.  
(If LCD does not turn on then it will enter to the following manual program. When car battery is 5V or below.)

10V ABOVE

10V BELOW

WHEN CAR BATTERY IS ABLE TO JUMP START WITH ITS OWN REMAINING ENERGY

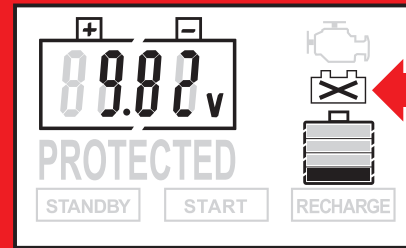


**10V ABOVE**  
Enters **AUTO mode** automatically

Turns on

Automatically charges jump starter when car battery is 10V or above

WHEN CAR BATTERY IS INABLE TO JUMPSTART WITH ITS OWN REMAINING ENERGY



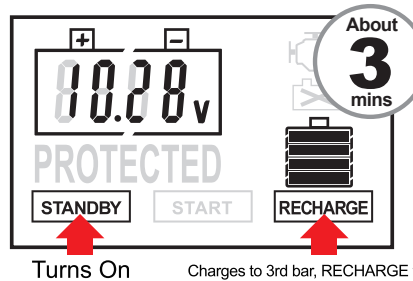
**10V BELOW**  
Enters **Manual Mode**

According to

External charging symbol will turn on, and is required to charge by another 12V vehicle. When the car battery is 5V or below LCD will not turn on.

## STEP3 CHARGES AUTOMATICALLY

WHEN ALLIGATOR CLIP IS CONNECTED TO THE BATTERY



Turns On

Charges to 3rd bar, RECHARGE turn off

(RECHARGE turns on when starts charging.)  
STANDBY flash indicates jump starter is ready to operate.

※ Once charges to THIRD bar, STANDBY flash will appear. Allow jump starter to be ready. Recommend to use after fully charged.

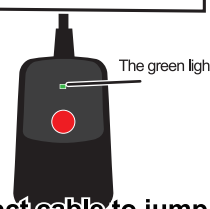
## STEP4 READY TO START ENGINE



(START turns on)

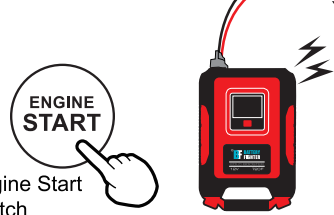
Press Power button to jump start mode

IF REMOTE CABLE IS ADDED FOR USE (Optional)



Connect cable to jump starter and green light turns on automatically.

## STEP5 START ENGINE



Engine Start Switch



Jump starter begins to beep once it is ready. (Engine symbol turns on)

Press start engine button switch or turn the car key to turn on engine.

IF REMOTE CABLE IS ADDED FOR USE (Optional)

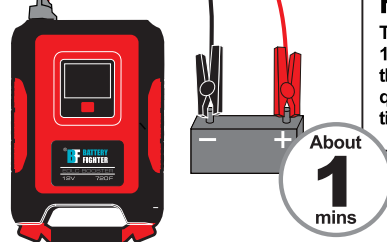


Press the button and release. (When green light is on)

ONCE BUTTON IS PRESSED

Then immediately press engine start switch or turn the car key to turn on car. (There will be beeping sound)

## STEP6 RECHARGE SYSTEM



Recharge function

The host power can be saved About 15 hours (open host, display shows the Load Mechanical and electrical quantity, can be used again at any time)

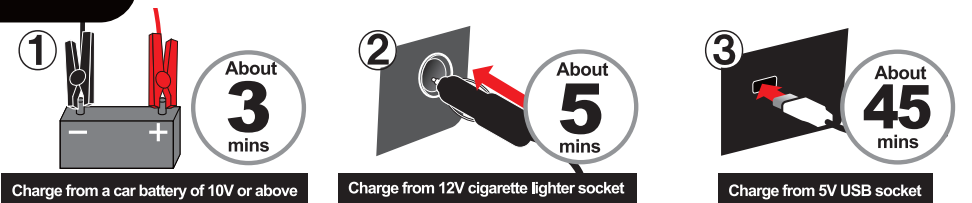


After the engine starts successfully, jump starter will recharge automatically. Keep the alligator clip on the battery terminal until beeping sound stops.

To complete the process, turn off the power and disconnect alligator clip.

※ Do Not have to turn off the power as jump starter is able to be auto turned off after 1 min.  
※ Do Not disconnect the alligator clip from battery terminal when the beep is on. (Short Circuit protect function might be auto turned on)

## STEP3 EXTERNAL CHARGING



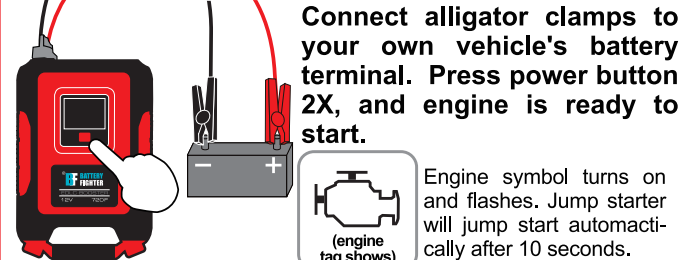
First, turn off the jump starter by holding the POWER button. Then charge by another 12V vehicle only

- 1 Jump starter connects to another car's battery
- 2 Access to cigar socket
- 3 Access to 5V USB socket

Connect to any one of them to charge. Jump starter will turn on automatically when it is fully charged.

※ When it is charging with alligator clip, DO NOT charge with cigar plug & USB socket AT SAME TIME. Otherwise Jump Start will be damaged. If connected to remote control cable, the LED (red) will flash, turns green light when fully charged.

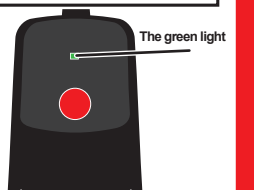
## STEP4 READY TO START ENGINE



Connect alligator clamps to your own vehicle's battery terminal. Press power button 2X, and engine is ready to start.

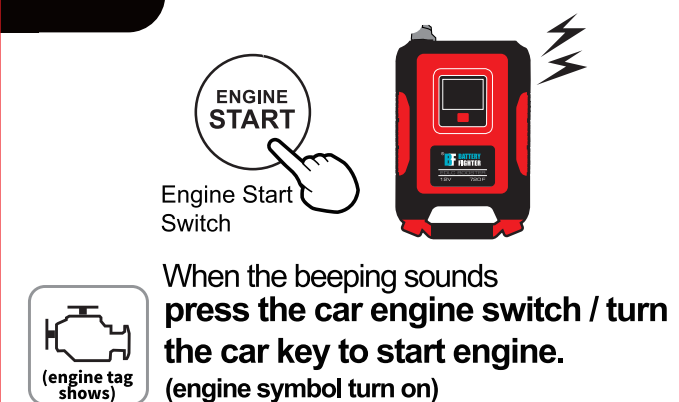
Engine symbol turns on and flashes. Jump starter will jump start automatically after 10 seconds.

Remote control is recommended



Connect jump starter to check that the LED green light is on. If the green light is off, press POWER again to start the jump starter

## STEP5 START THE ENGINE

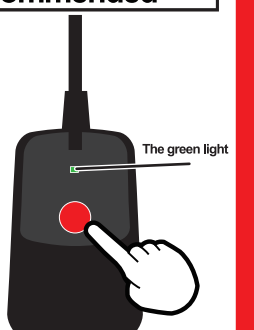


Engine Start Switch

When the beeping sounds press the car engine switch / turn the car key to start engine. (engine symbol turn on)



Remote control is recommended



Press the switch at the same time to release start-up current (green light on)

Press the switch Press car engine switch / turn the key immediately when beeping

### IMPORTANT PROCESSING

ENSURE TO PRESS POWER BUTTON THEN ENGINE SYMBOL FLASHES - BACK TO DRIVER'S SEAT  
When the beep sounds, press the car engine switch / turn the key immediately. Otherwise, the current will absorb by rescue car battery, and will not crank up engine.

※ If the rescue car is idle and some performance of the engine is not activated in time, it may take several starts to succeed. In that case, the jump starter may be exhausted, the attachment can be repeatedly charged to the jump starter by the above method to achieve multiple start-up engine, until the engine starts successfully

## TROUBLE SHOOTING

※ When the car cannot be started due to the engine/battery condition of the vehicle

The engine may be difficult to start or fail to start in the event of a possible ignition system failure/fuel supply failure/battery physical failure/alternator failure.

※ The battery terminals and the alligator clip are in poor contact. Insufficient host output current

If the black (-) of alligator clamps is connected to the battery terminal or other start-up circuits of the vehicle, the engine may not start depending on the vehicle circuit design.

Engine oil is semi-solidified due to cold weather and can cause multiple start-up failures.

If the diesel drawing unit cannot be started, the diesel car will absorb the electricity to heat up the electric piston drum, In this case, it cannot start engine immediately.

### Correction

Try to restart (about 5 times)

Before connecting, use a steel brush to remove any grease or dust from the battery terminals. After cleaning, connect clip and further expand the contact area between the clip and the terminal.  
Connect the alligator clip directly to the battery positive and negative extremes.

Try to jumpstart multiple times (approx. 5 times)