

Before attempting to start vehicle, the Fast-Starter must be removed from the vehicle's 12V socket. Otherwise permanent damage to the Fast-Starter may occur.

ATTENTION!!!

The returns will be impossible if products were damaged because of incorrect use.

DISPOSAL :

The packaging material is reusable. Dispose of the packaging in an environmentally friendly way by putting it in the appropriate recyclable waste collection containers.

Dispose of the product and the batteries in view of the environment if you want to separate. The device and the batteries must not be thrown in with domestic waste. Take them to a recycling center for used electrical and electronic devices. For more information you can consult your local government. Remove batteries first.

Eurotops Versand GmbH
Elisabeth-Selbert-Straße 3
40764 Langenfeld, Germany



If technical support is needed, please call ...

in Germany 0180. 530 63 63* or info@eurotops.de
in Austria 01. 230 60 43 12 or info@eurotops.at
in Switzerland 044. 28 36 125 or info@eurotops.ch
in the Netherlands 020 / 2621958 or info@eurotops.nl
in France 0892. 700 470** or info@eurotops.fr

* 14 Cents/minute via German landline, max. 42 cents/minute via mobile phone network

**34 Cents/minute via French landline

A possible return of products should be addressed to the return address stated on your invoice.

© 27.05.2021

TECHNICAL SPECIFICATION

- Power 14.8 Volt
- Battery Capacity: 2600mAh
- Recharging time from vehicle: 2-4 hours
- Fuse Size: 8A
- USB Power Port: 5V DC 2400mAh max
- Battery Type: Li-ION
- Boost up vehicle battery time: 20 minutes (per cycle)
- Recharging time from micro USB cable: 10~12 hours
- Micro USB port input: 5V1.5A~2A



Manufacturer: Modell HH378N
Dongguan Huihao Electrical Products Co. Ltd.
Building A, No.6, Jinxiaotang Industrial Area
Zhutang Village, Fenggang Town, Dongguan City
Guangdong Province, China

Rechargeable Fast-Starter INSTRUCTION MANUAL



Item No.: 48370

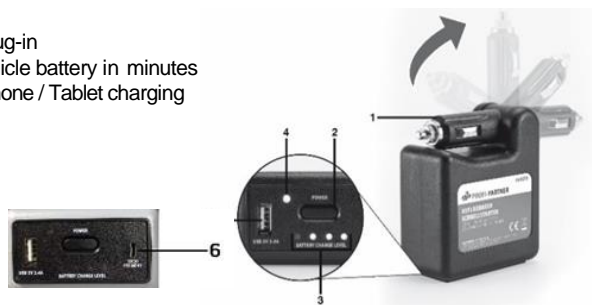
Please read manual carefully before use and keep for future reference

FEATURES

- Powerful Li-Ion battery
- Compact and angle adjustable plug-in
- Recharges and starts a weak vehicle battery in minutes
- 2.4 A USB power port for Smartphone / Tablet charging
- Battery level / charging indicators

LOCATION OF CONTROLS

1. Angle adjustable cigarette plug
2. Power button
3. Battery level indicators
4. USB power indicator
5. 2.4 A USB power outlet
6. Micro USB charging port
7. Micro USB charging cable (without image)



⚠ IMPORTANT SAFETY INSTRUCTIONS

- Do not use the Fast-Starter with a completely discharged battery.
- Before attempting to start vehicles, the Fast-Starter must be removed from the vehicle's 12V socket. See **"BOOST UP A WEAK VEHICLE BATTERY"** section of details.
- The Fast-Starter is shipped partially charged. You should initially fully charge it before use.
- The Fast-Starter should always be stored in the OFF mode. Always recharge the Fast-Starter after use and before storing.
- The Fast-Starter is designed to recharge 12V batteries with the lowest voltage at 10.5V. If vehicle battery is severely drained, call a service centre or tow truck.
- **CAR ALARMS:** If you have a car alarm, put it into "valet mode" before attempting to use the Fast-Starter. Many popular car alarm models cut off power to vehicle's electrical system. The Fast-Starter will work while this type of alarm is engaged. Do not submerge in water. Keep away from humidity.
- For optimum performance, store in temperature between 0°C and 43°C.
- During operation, the unit may feel warm. Discontinue use if it becomes too hot.
- Do not attempt to reverse polarity.
- 8A fuses are used in a protection system which regulates the discharge and recharge of Fast-Starter.
- Always recycle your Lithium battery products properly.

WARNING

KEEP OUT OF REACH OF CHILDREN. READ ALL INSTRUCTION BEFORE USE.

Danger – shock hazard. Keep Fast-Starter away from water and other liquids.

Never operate if the unit is damaged or product is not working properly. Unplug when not in use.

MAY EXPLODE IF DAMAGED OR DISPOSED OF IN FIRE. Do not disassemble or alter. Change and use only as specified in instructions. Misuse may cause excessive heat. Breakage may expose contents and contact with skin may cause irritation or injury. Contains Li-Ion battery and must be disposed of properly.

RECHARGING YOUR RECHARGEABLE FAST-STARTER

This product was delivered partially discharged. Fully charge your Fast-Starter via 12V or Micro-USB immediately after receipt. Charge via 12V only while driving.

1. Ensure the Power Button of the Fast-Starter is set in OFF position.
2. Plug the Fast-Starter cigarette plug to the 12V cigarette lighter socket for 2-4 hours for recharging.
3. When all of the LEDs are on, then the Fast-Starter is fully charged.

NOTE: When charging the Fast-Starter, ensure the vehicle engine is running to prevent over drainage of the car battery. The Fast-Starter can only be charged when the car battery voltage is greater than 11.5V (The circuitry has a built-in a power saver to protect the car battery.)

IMPORTANT: Recharge the unit after each use and every 3 months, to keep internal battery fully charged and prolong the battery life.

BATTERY LEVEL / CHARGING INDICATORS

| Battery indicators | 1st LED | 2nd LED | 3rd LED | 4th LED |
|-----------------------------|---------|---------|---------|---------|
| Battery capacity < 25% | Blink | Blink | Blink | Blink |
| Battery capacity >25% <50% | ON | Blink | Blink | Blink |
| Battery capacity >50% <75% | ON | ON | Blink | Blink |
| Battery capacity >75% <100% | ON | ON | ON | Blink |
| Battery capacity 100% | ON | ON | ON | ON |

CHECK THE FAST-STARTER BATTERY CAPACITY LEVEL:

Press the Power Button ONCE to read the battery status of the Fast-Starter. Press once again to turn off. The Battery Level Indicators will illuminate accordingly as follows:

- 4 - LED illuminated (100% Charge Capacity) Internal battery is fully charged.
Fast-Starter ready and USB ready.
- 3 - LED illuminated (75% Charge Capacity) Internal battery is mostly charged.
Fast-Starter ready and USB ready.
- 2 - LED illuminated (50% Charge Capacity) Recharge the unit as soon as possible.
Fast-Starter **NOT READY** and USB ready.
- 1 - LED illuminated (25% Charge Capacity) Charge the unit immediately.
Fast-Starter **NOT READY** and USB limited.

NOTE: The Battery Level Indicators will be automatically turned OFF in 5 Seconds.

BOOST UP A WEAK VEHICLE BATTERY:

Before plugging the Fast-Starter into the vehicle socket:

1. Make sure all vehicle lights (interior and exterior) and accessories (radio, etc) are turned off.
2. Make sure the vehicle's 12V socket is clean, free of debris and receiving power.
3. Press and hold the Power button for 3 SECONDS, ensure the 4x Battery Level Indicators are ON (i.e. the unit's battery is good for boosting). NOTE: If the lighter socket is not properly connected to the Fast-Starter the indicators will switch off after 30 seconds.
4. Insert the Fast-Starter into the vehicle's 12V socket.
5. The charging process can take up to 20 minutes during which all of the Battery Level Indicators will blink. When they stop blinking your Fast-Starter will turn off automatically.
6. You are now ready to begin, but before attempting to start your vehicle, **TURN OFF ALL LIGHTS AND ANYTHING DRAWING POWER.**
7. REMOVE the Fast-Starter from the 12V socket.
WARNING permanent damage to Fast-Starter may occur if not removed before starting the engine.
8. Start the engine of your vehicle

If the vehicle does not start, you can repeat the boost up process **ONE MORE TIME**, not more. If the vehicle does not start, **DO NOT** attempt to start the engine more than twice. Call a service centre or tow truck.

USB PORT 5V DC 2400mAh for charging external device

NOTE: Prior to connecting any accessory, make sure that the Fast-Starter power button is set to the OFF position. Accessories that can be connected are: MP3 Players, Mobile Phone, Tablets, Smartphones, etc.

1. Connect the USB cable (**NOT** included) into the Fast-Starter USB-Out port.
2. Push the Power Button ON and turn on your accessory.

PLEASE NOTE:

You cannot charge any accessory while the Fast-Starter is in recharging mode or being used to boost your car battery.