

SAFETY INSTRUCTIONS



This manual includes guidelines on the operation of your device and the precautions to follow for your own safety. Ensure it is read carefully before first use and keep it handy for future reference. These instructions should be read and understood before anyone operates the product. Any modifications or maintenance that are not specified in the manual should not be undertaken. The manufacturer is not liable for any injury or damage due to non-compliance with the instruction manual. In case of problems or uncertainties, please consult a qualified person that is able to handle the device correctly. This device should only be used for memory backup within the limits indicated on the device and manual. The safety instructions must be followed. In case of improper or unsafe use, the manufacturer cannot be held responsible.

This device may be used by children from age 8 and by persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge, provided that they are under supervision or have been told how to use the device safely and are aware of the potential risks. Children must not use the device as a plaything. Cleaning and servicing tasks may not be carried out by children unless they are supervised.

Do not use for charging non-rechargeable batteries

Do not operate the device with a damaged power supply cord or a damaged mains plug.

Never charge a frozen or damaged battery.

Do not cover the device

Do not place the device near a fire or subject it to heat or to longterm temperatures exceeding 50°C

Risk of explosion or acid splashing if the clamps are short-circuited or if the 12V booster is connected to a 24V vehicle or vice versa.



Risk of explosion and fire!

A battery being charged can emit explosive gas.

- During the charge, the battery must be placed in a well ventilated area.
- Avoid flames and sparks. Do not smoke.
- Protect the electrical contacts of the battery against short-circuiting.



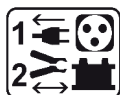
Acid projection hazard!

- Wear safety goggles and protective gloves.



- If your eyes or skin come into contact with battery acid, rinse the affected part of the body with plenty of water and seek immediate medical assistance.

Connection / disconnection:



- Disconnect the power supply before connecting/ disconnecting the device to/from the battery.
- The terminal of the battery that is not connected to the car frame must be connected first. The other connection must be made on the car frame, far from the battery and the fuel line. The battery charger must be connected to the power supply network.
- After the starting/charging process, disconnect the booster/ battery charger from the power supply network and remove the connector from the car frame and then the connector from the battery, in this order.



Connection:



- Class II device (charger booster)
- Class III device (booster)



Maintenance:

- The power supply cable cannot be replaced. If the cable is damaged, the device should not be used.
- Service should be performed by a qualified person
- Warning! Always remove the power plug from the wall socket before carrying out any work on the device.
- Under no circumstances should solvents or other aggressive cleaning agents be used.
- Clean the device's surfaces with a soft, dry cloth.



Regulations



- The device complies with European Directive.
- The certificate of compliance is available on our website.



- EAC conformity mark (Eurasian Economic Commission)



- Equipment in compliance with British requirements. The British Declaration of Conformity is available on our website (see home page).

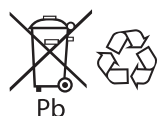


- Equipment in conformity with Moroccan standards.
- The declaration C_m (CMIM) of conformity is available on our website (see cover page).



Disposal:

- This product should be disposed of at an appropriate recycling facility. Do not dispose of in domestic waste.
- The battery fitted in this device is recyclable. Please proceed according to the applicable recycling regulations.
- The battery must be removed from the device before the latter is discarded.



GENERAL DESCRIPTION

For 12 V lead-acid batteries (6 x 2 V cells) with a capacity of 30 Ah to 130 Ah.

The GYSPACK OBD is designed to maintain the internal memory of your vehicle during a change of battery or any other operation involving the disconnection of the battery. This unit prevents any loss of data or the need to reprogram the on board system (Clock, radio, alarm, hands-free kit...) which can be a long process. Equipped with a cigarette lighter plug, the GYSPACK OBD is also a 12V DC power supply for Laptops, TVs, tools, etc...

Easy to carry - this product has a compartment to store cables and charger.



To get the maximum from your machine and ensure the long life of the internal battery, it is recommended the unit is charged after each use.

TEST OF THE INTERNAL BATTERY

To start the GYSPACK OBD and test the internal battery health, press the button for 3 seconds. The LEDs will light and one of these three LED will stay on showing the battery status.



The red light indicates the internal battery is at less than 50% charge,
→ It is necessary to charge the internal battery immediately.



The yellow light indicates the internal battery is charged to between 50 and 75%
→ You can use the product but it is preferable to charge it as soon as possible.



The green light indicates the internal battery is fully charged.
→ The unit is ready to use.

To stop the unit press again the button for 3 seconds. If it doesn't turn off manually, the unit stops after 4 hours.

RECHARGE OF INTERNAL BATTERY

To charge the internal battery, the GYSPACK OBD must not be connected to a vehicle.

- 1 - Plug the charger of the unit into the mains supply (230V)
- 2 - Plug the charger into the indicated place on the front of the machine
- 3 - State of charge:



The red light indicates the internal battery is charging.



The green light indicates the internal battery is charged.
→ You can use the unit.



The yellow light indicates the internal battery is faulty.
→ It is necessary to replace the internal battery.



- If after 24 hours of charge the red light is still on, the internal battery is damaged. It is necessary to replace it.
- Do not try to charge the product via the cigarette lighter connection of your vehicle. The current is not stable and can damage the product or the cigarette lighter connection. For optimum charge you must use the charger delivered with the unit and plug it into the mains supply.



If the equipment or the vehicle connected to the GYSPACK OBD needs more than 4A or has a short circuit, the electronic protection of the GYSPACK OBD will switch on and cut the power supply. To use it again and enable the protection, it is necessary to disconnect the 12V DC plug or the GYSPACK OBD.

USE ON OBD PLUG

Before using this feature you must be sure that all the energy consumers of your vehicle (fan, lights, onboard computer...) are switched off:

- 1 - Check the internal battery of the GYSPACK OBD is charged (read « Test of the internal battery»).
- 2 - Connect the cable with the OBD connector to the vehicle.
→ Check that the connector is properly plugged into the vehicle.
- 3 - Switch on the product.
- 4 - Disconnect the battery from the vehicle and put the cables on a non conducting surface.

Attention: The electrical system of the vehicle receives current from the OBD Memory Saver via the OBD plug. However the battery terminals are still supplied with power. It is necessary to insulate them and avoid any contact with a metallic part or any conducting object which can create a short circuit.

- 5 - Once the battery is connected to the vehicle, disconnect the OBD plug.
- 6 - Charge the product after use.

USE AS A 12V POWER SUPPLY VIA THE CIGARETTE LIGHTER PLUG

This product gives you a 12V power supply via the cigarette lighter plug:

- 1 - Check the internal battery of the GYSPACK OBD is charged (read « Test of the internal battery»).
- 2 - Check the equipment that you want to connect to the GYSPACK OBD is switched off then connect the unit via the cigarette lighter connection.
- 3 - Switch on the equipment. The GYSPACK OBD will supply the power needed.
- 4 - Switch off the equipment after each use, disconnect the cigarette lighter connection and plug the GYSPACK OBD into the mains supply to charge it.

Important: Do not use the OBD plug as a power supply for the on board electronics (onboard computer, radio) because you can damage the internal battery.

NO WARRANTY ON THE BATTERY

The internal batteries are active components; their life depends on your use and maintenance. The internal batteries must be charged after EACH use. High temperatures will considerably reduce the battery charge. After a long period without using the Gyspack OBD, it is recommended to charge the internal batteries again before using.

For this reason the Gyspack OBD battery is not covered under the warranty.

WARRANTY

The warranty covers faulty workmanship for 2 years from the date of purchase (parts and labour).

The warranty does not cover:

- Transit damage.
- Normal wear of parts (eg. : cables, clamps, etc..).
- Damages due to misuse (power supply error, dropping of equipment, disassembling).
- Environment related failures (pollution, rust, dust).

In case of failure, return the unit to your distributor together with:

- The proof of purchase (receipt etc ...)
- A description of the fault reported