



# SAVE FROM 20% UP TO 50% OVER YOUR FUEL CONSUMPTION

SUITABLE FOR CARS, VANS, TRUCK WORK, BOATS,  
BURNERS, GENERATORS AND COGENERATORS.

## Important

- The system can be mounted on any endothermic engine.
- From the legal point of view there are no duties because the percentages that is added into the fuel are so low as to bring them back into the category of additives such as those bought from the gas station.
  - There is no need to update the car booklet as you do with gas systems, because there are no considerable quantities of flammable or pressurized gas.
  - The product is accompanied by CE certification and 24 month warranty

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CERTIFICATO CE

# SPARK

## Hydrogen<sub>2</sub>

### SAVINGS IN RESPECT OF THE ENVIRONMENT

CERTIFICATO  
CE



HYDROGEN TECHNOLOGY  
ALTERNATIVE ENERGY  
APPLICATIONS

# SAVE WITH THE NEW H2 GENERATOR

WITH 1 LITER OF DISTILLED WATER YOU CAN TRAVEL FOR  
10-15.000 KM SAVING FROM 20% UP TO 50% ON YOUR  
FUEL EXPENSES!

SPARK Hydrogen is fully developed in Italy, the engineering team has succeeded in perfecting the production technology for "on demand" use, through resonance electrolysis, of an ionized plasma gas, with a high hydrogen content. The whole system, from technical development, to design, to production, is 100% Made in Italy. Appropriately installed by qualified technicians, the New Compact Hydrogen System allows the elimination of polluting elements, released into the atmosphere by combustion engines, in particular the CO. The result is more breathable air for our Planet, cleaner and more performing engines and, last but not least, significant fuel savings.



The New Compact Hydrogen System is absolutely innovative, both in the production and use of gas and in design. The resonance electrolysis, induced inside the system, produces a plasma gas which, properly treated and introduced by means of nozzles in the air intake duct of the engines, allows its use in the combustion chamber, without defaillance, both at low and high regimes.

The reactivity of ionized plasma gas, with a high hydrogen content, accelerates and improves combustion, generates no harmful residuals in the engine and improves the life of the same. The whole process is totally controlled by a self-learning PWM (PULSE-WIDTH MODULATION) connected to the vehicle battery only. The use of the gas produced and immediately used, at a pressure not higher than 2 bar, is available when the engine is switched on and consequently modulated, no intervention on the electronic control units and / or modifications of the vehicle equipment is required.

Particular attention has been paid to the safety of the device. Production of H2 takes place exclusively when the engine is started and only when the engine is running; a filtration system prevents a possible flame back and a valve, properly calibrated, allows the automatic discharge, if the pressure of the generator exceeds the expected limit. The New Compact Hydrogen System is composed of a single sealed apparatus whose charges: "A" and "B" are introduced once the completion of the installation is done. No recharge intervention needs to be done by the user, if not after many km of use (10,000 / 15,000km).

The evaluation of the distance is subject to differences of the cars engine cubic meters, power, from weather conditions etc ...

The functioning of the system is monitored, inside the passenger compartment by a single two-colored led, green or red.

Green = Regular Operation.

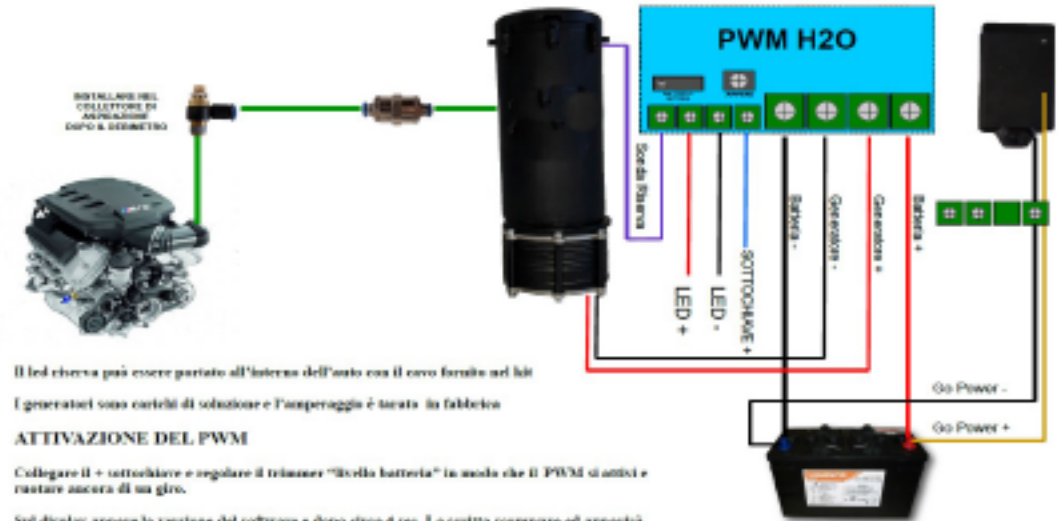
Red = Need to recharge or malfunction. "Recharge are provided by our Company"

Inside the engine, or in the compartment in which the system has been installed, a luminous display signals any anomalies, constantly highlighting technical data, available to the installer.

The New Compact Hydrogen System is the most modern and professional that the hydrogen system market can offer!

# EXTEND THE LIFE OF YOUR ENGINE AND DECREASE THE DIRTY SMOKES

## SCHEMA DI INSTALLAZIONE NEW COMPACT HYDROGEN SYSTEM



Il led chiave può essere portato all'interno dell'auto con il cavo fornito nel kit

I generatori sono carichi di soluzione e l'ampereaggio è testato in fabbrica

### ATTIVAZIONE DEL PWM

Collegare il + controller e regolare il trimmer "livello batteria" in modo che il PWM si attivi e restare ancora di un giro.

Sul display appare la versione del software e dopo circa 4 sec. La scritta scompare ed apparirà l'ampereaggio della corrente erogata

Se il livello dell'elettrolita è basso, il LED bilanciere diventerà rosso e il display supererà 000 e smetterà di produrre

### SAVING BASED ON VEHICLE USAGE:

- CITY USAGE FROM 15% TO 20%
- EXTRA CITY 90/100 KM/H FROM 20% TO 50%
- HIGHWAYS 120/140 KM/H FROM 20% TO 40%

### SAVING ACCORDING TO VEHICLE TYPES:

- PASSENGERS CARS 20%-50%
- VANS, TRACTORS AND INDUSTRIAL VEHICLES 15%-30%
- HEAVY TRUCKS, BOATS, GENERATORS, BURNERS 8%-20%

