

Battery Charger and Maintainer

Switching HF mode New Technology

electromem
Battery Chargers & Starters



12 V / 6,5-3,5 A



HF 900

Electronic Battery Charger

HF 900 charges and maintains in a good condition batteries of every private-use-vehicle of 12 V: cars, vans, campers, middle-sized boats and middle-sized work vehicles. The microprocessor of HF 900 manages two different charge phases for Wet cell lead batteries with liquid electrolyte or Dry cell lead batteries with immobilized electrolyte (Gel, Agm, Mf). It achieves specific charges with two power regulations of 3,5 A or 6,5 A, depending on the battery to charge. In case of electricity failure HF 900 turns off and continues the charge at that point that was last memorised by the microprocessor when electricity returns.

HF 900, reliable and accurate device for charging and maintaining the battery.

2 Specific GEL-DRY / WET-AGM charging processes with 7 and 6 phases

Included Accessories Plus

- 1 A plug with conventional clamps for positive and negative charge.
- 2 A plug with eyelets and fuse safety for a permanent installation at the battery poles, a handy and fast use.
- 3 A cigarette lighter plug for charging the battery directly by the cigarette lighter.

- 2 specific charging regulations
- 7 and 6 phases process charging
- 2 specific charging processes GEL-DRY / WET-AGM
- Thermal probe for a compensating charge
- Integrated electronic protection





2 specific charging regulations

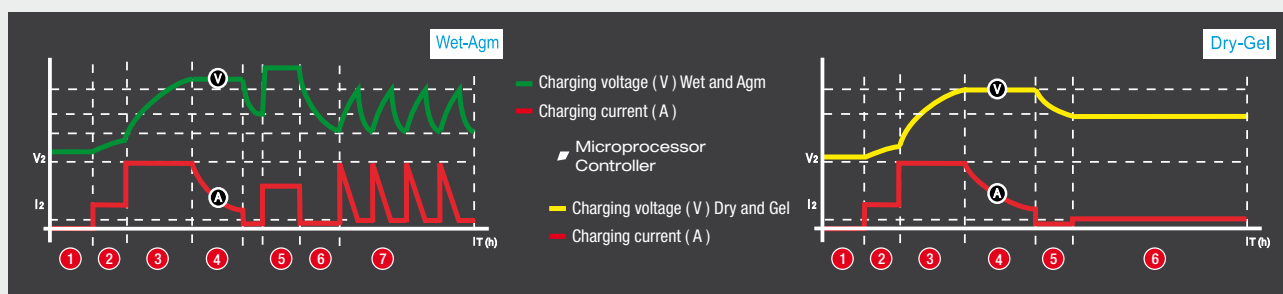
Every vehicle has a specific battery with lower or higher capacity compared to other batteries. HF 900 charges with full reliability batteries of middle and large sizes installed on cars, vans, campers, tractors and boats.

2 specific charging processes GEL-DRY / WET-AGM

HF 900 accomplishes two different charge cycles for Wet cell lead batteries with liquid electrolyte or Dry cell lead batteries with immobilized electrolyte (Gel, Agm, Mf). Suitable for charging "Start & Stop" batteries.

Thermal probe for a compensating charge

The external temperature is an important factor to improve the charging efficiency. HF 900 is equipped with a thermal probe which allows the microprocessor to check the external temperature in order to arrange a correct compensation while charging the battery.

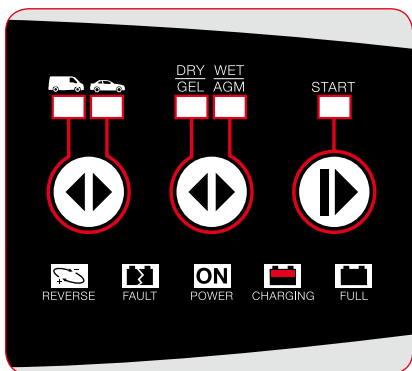


2 Specific GEL-DRY / WET-AGM charging processes with 7 and 6 phases

- 1 Analysis 1
- 2 Soft recharge
- 3 Costant current
- 4 Costant Voltage
- 5 "Recovery"
- 6 Analysis 2
- 7 Pulse current

The two charging processes for Wet-Gel batteries are divided into seven and six charging phases, every phase is automatically managed by the microprocessor:

- 1 Analysis 1
- 2 Soft recharge
- 3 Costant current
- 4 Costant Voltage
- 5 Analysis 2
- 6 Pulse current



A PROFESSIONAL CONTROL PANEL.

We have designed a complete control panel to select the vehicle type to be charged and to select the battery type. On the bottom five led indicators: reversed polarity (REVERSE), faulty battery (FAULT), po-

wer on 230 V (POWER), charging phase (CHARGING) and full charge and maintenance (FULL).

PROTECTION AND SAFETY.

HF 900 is safeguarded against reversed polarity, short-circuits, overheating and it doesn't spark. Equipped with an acoustic indicator which triggers alarm if the battery is faulty or if the voltage is wrong.

SUPPORTED BATTERY TYPES:

Ideal for all types of lead batteries: Wet, Gel, Agm, Spiral, Tubolar, Mf, Vrla e batterie Start&Stop.

Model	HF 900
Mains Voltage 50/60 Hz 1Ph	230 V
Power	110 W
Output Voltage	12 V
Charge Current	6,5-3,5 A
Supported Batteries	PB Wet-Gel-Agm-Spiral-Tubolar-Mf-Vrla
Charge Capacity	30-130 Ah
Maintenance Capacity	30-190 Ah
Size	220 x 98 x 55 mm
Weight	0,85 Kg
Cod n.	013030



35 years of experience in the field in order to offer the highest guarantee of all the products.

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The QR Code is a fast and innovative system for receiving information via smartphone or other devices. In this case you can watch the on-line video of the whole product range of the HF Series.