

Multifunctional Battery Charger

Switching HF mode New Technology

electromem
Battery Chargers & Starters



12 V / 15-7 A

Made in Italy

Professional use

IDEAL FOR
Start & Stop
Batteries
+ Spiral

The 1^o on the Market



HF 12.15

Electronic Battery Charger

HF 12.15, professional product for charging and maintaining in a good condition batteries of every work and seasonal vehicles of 12 V: cars, vans, first aid vehicles (Ambulances), trucks, middle-sized boats and middle-sized work vehicles.

A powerful and reliable device managed by a microprocessor and designed for producing **three different charge cycles of which everyone is divided into 10 phases.**

4 Macrocategories

	Analysis	(3)	+
	Recovery	(2)	+
	Charge	(3)	+
	Maintenance	(2)	=

10 Charging Phases

- 2 specific charging regulations
15 A - 7 A
- 10 phases process charging
- 3 specific charging processes
WET / GEL / AGM
- Costant Analysis
- Desulphation + Recovery
- Supply for saving vehicles memories
- Digital Display
- Integrated electronic protection



12 V / 15-7 A

Made in Italy

2 specific charging regulations
15 A - 7 A

HF 12.15 produces three different charge cycles for Wet cell lead batteries with liquid electrolyte or Dry cell lead batteries with immobilized electrolyte (Gel, Agm, Mf). You choose which one is best for you!

Supply for saving vehicles memories

HF 12.15 is a professional product and that is why it must guarantee reliability. Its supply function (13,5 V-15 A) saves the vehicles memories during the substitution phase and supplies the electrical system of the vehicle during the diagnostic phase.

Integrated electronic protection

HF 12.15 is safeguarded from 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.

Costant Analysis

HF 12.15 doesn't only charge: it's equipped with an innovative analyse system which allows to control constantly the battery status during the whole charging process.

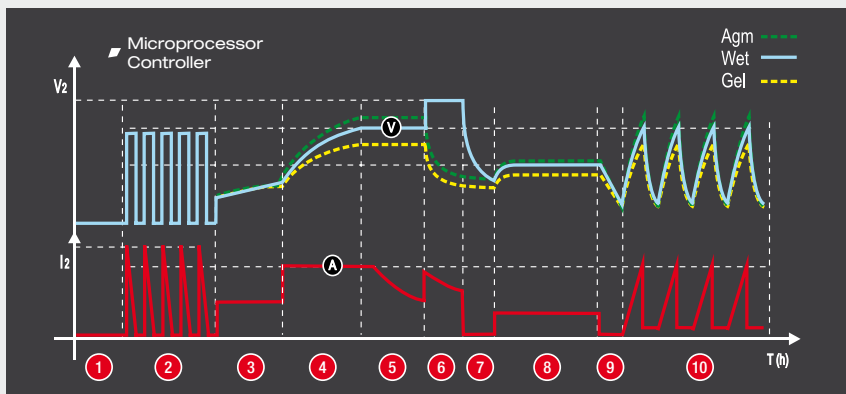
Desulphation + Recovery

Automatic cycle of desulphation and exclusive function for deep discharged batteries up to 2 V.

Digital Display

The digital display allows a fast reading of the power and the voltage delivered during the battery charge.

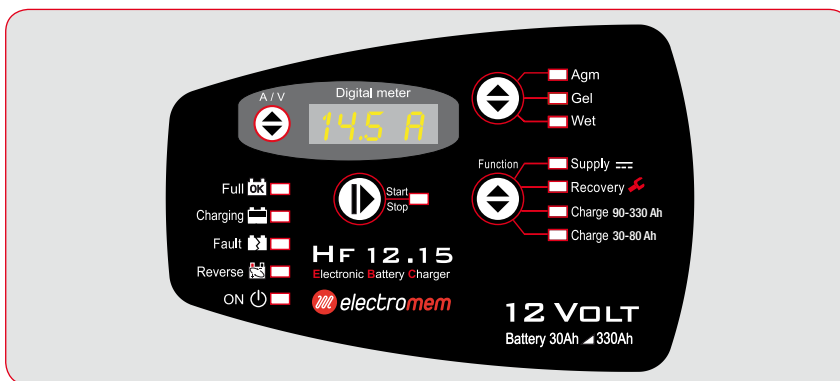
3 Specific WET/GEL/AGM charging processes for 10 phases



The 10 charging phases are divided into 4 macrocategories:

- 👁️ Analysis (1-7-9),
- 🔌 Charge (4-5-6),
- 📷 Recovery (2-3),
- 🔧 Maintenance (8-10).

- 1 Analysis 1
- 2 Desulphation
- 3 Soft recharge
- 4 Costant Current
- 5 Costant Voltage
- 6 "Recovery"
- 7 Analysis 2
- 8 Float Voltage
- 9 Analysis 3
- 10 Pulse Current



FULL CONTROL OF THE CHARGING PROCESSES.

The digital display improves the experience of utilisation and the reliability of a device designed for a demanding professional.

SUPPORTED BATTERY TYPES:

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

Model	HF 12.15
Mains Voltage	50/60 Hz 1Ph
Power	230 V
Output Voltage	180 W
Charge Current	12 V
Supported Batteries	15 A
Charge Capacity	PB Wet-Gel-Agm- Spiral-Tubolar-Mf-Vrla
Maintenance Capacity	30-330 Ah
Size	30-500 Ah
Weight	260 x 135 x 72 mm
Cod n.	1,80 Kg
	013140