



# MICRO HF E



The Nuova Elettra Micro HFE charger has been designed after many years of research and development.

This charger is built to the highest standards of design, manufacture, quality control and customer service.

Micro HFE incorporates the latest High Frequency technology and provides the following benefits:

- The very high efficiency -more than 85%- compared to 60% of standard taper chargers, leads to a significant reduction of costs, because less energy is consumed for each charge.
- Reduced weight and volume.
- Reduced charging time leads to reduced electricity bills, reduced water consumption.
- Reduced battery maintenance and improved battery life.
- Recharge profile not influenced by Mains fluctuation or depth of discharge.

## TECHNICAL SPECIFICATIONS

- > single Phase Input Voltage 230 V 15%
- > suitable for lead acid / gel batteries
- > IU1a recharge profile, with equalising and maintenance charge
- > microprocessor controlled
- > LED's indicating state of charge and fault condition
- > suitable for wall fixing
- > robust metal case
- > cooling by forced ventilation
- > reverse polarity protection
- > overall charge timer protection
- > incorrect battery voltage protection
- > thermal cut-out
- > automatic operation



MICRO HF E  
CHARGER

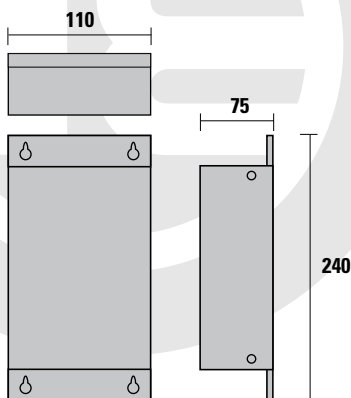
la Qualità elettronica



Nuova Elettra



# MICRO HF-E



## MICRO HF-E TO SUIT LEAD ACID BATTERIES

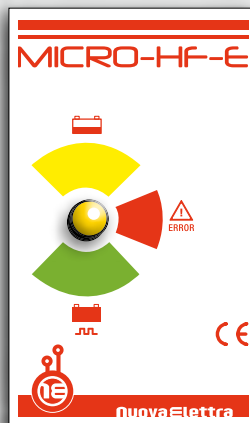
Battery voltage	Battery capacity (Ah) 8 ÷ 9h recharge time	Battery capacity (Ah) 11 ÷ 12h recharge time	Weight (Kg)	Type
12V	25 ÷ 30	35 ÷ 40	2	Micro HF-E 12/5
12V	40 ÷ 50	55 ÷ 65	2	Micro HF-E 12/8
12V	50 ÷ 60	70 ÷ 80	2	Micro HF-E 12/10
12V	60 ÷ 75	85 ÷ 95	2	Micro HF-E 12/12
12V	75 ÷ 90	105 ÷ 120	2	Micro HF-E 12/15
24V	25 ÷ 30	35 ÷ 40	2	Micro HF-E 24/5
24V	40 ÷ 50	55 ÷ 65	2	Micro HF-E 24/8
24V	50 ÷ 60	70 ÷ 80	2	Micro HF-E 24/10
24V	60 ÷ 75	85 ÷ 95	2	Micro HF-E 24/12
24V	75 ÷ 90	105 ÷ 120	2	Micro HF-E 24/15

## MICRO HF-E TO SUIT GEL BATTERIES

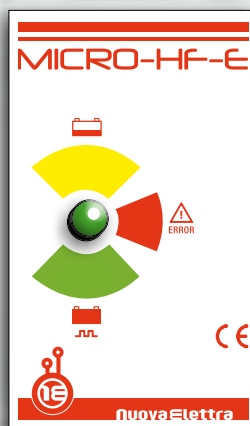
Battery voltage	Battery capacity 12 ÷ 14h (Ah) recharge time	Weight (Kg)	Type
12V	25 ÷ 35	2	Micro HF-E Gel 12/5
12V	40 ÷ 55	2	Micro HF-E Gel 12/8
12V	50 ÷ 70	2	Micro HF-E Gel 12/10
12V	60 ÷ 85	2	Micro HF-E Gel 12/12
12V	75 ÷ 105	2	Micro HF-E Gel 12/15
24V	25 ÷ 35	2	Micro HF-E Gel 24/5
24V	40 ÷ 55	2	Micro HF-E Gel 24/8
24V	50 ÷ 70	2	Micro HF-E Gel 24/10
24V	60 ÷ 85	2	Micro HF-E Gel 24/12
24V	75 ÷ 105	2	Micro HF-E Gel 24/15

When ordering please specify make, type and size of battery to ensure the unit is set to the correct characteristic.

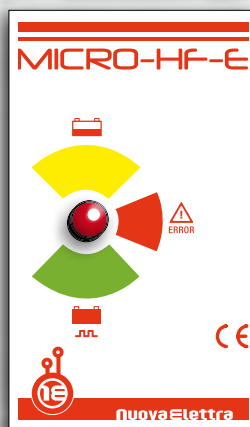
### DISPLAY



YELLOW LIT LED: CHARGE ON LED YELLOW LIT: CHARGE ON



GREEN FLASHING LED: EQUALISING GREEN LIT LED: CHARGING COMPLETED



RED LIT LED: ERROR

- battery not connected
- incorrect battery voltage
- bulk timer activated
- thermal cut-out activated



Certificato numero 15152  
ISO 9001, ISO 14001



## Nuova Elettra

carica batterie \_ apparecchiature elettroniche industriali

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