

# HFZ

## SINGLE PHASE 230 Vac



### MAIN APPLICATIONS



### SUITABLE BATTERIES

Wet lead acid - PzS
GEL – AGM – VRLA – PzV
Other (on demand)

### MODELS AVAILABLE

V	A	VAC	CODE	Lead acid (Ah)		Gel (Ah)	lac
				7-8h	10-11-14h	12-14h	Current draw
24	40	1x230	HFZD 24/40	244-282	338-376-454	302-376	8,18
24	50	1x230	HFZD 24/50	305-353	423-470-567	377-470	10,23
24	60	1x230	HFZD 24/60	366-423	508-564-680	452-564	12,28
36	30	1x230	HFZD 36/30	183-212	254-282-340	226-282	9,10
36	40	1x230	HFZD 36/40	244-282	338-376-454	302-376	12,13
48	20	1x230	HFZD 48/20	122-141	169-188-227	151-188	8,00
48	30	1x230	HFZD 48/30	183-212	254-282-340	226-282	11,99

### PRODUCT INTRO

HFZ is the medium range HF charger suitable for light traction application with LED visual interface. An easy built-in jumper enables Profile selection (Pb-GEL pre-set) including a PC connection for advanced setting, data-report and diagnostic.



### GENERAL CHARACTERISTICS

Mains	Vac 230V (1ph) +/-10% 50-60Hz - On/off switch present on top side
Visual signalling	Single LED (3 colours)
Charger setting	By switches: 2 charging profiles (Pb/Gel pre-set) By PC: extra editable charging profiles, capacity, output current
Data memory	Charger gives a report of the last 25 cycles and key technical data by integrated PC port output
Cool-down system	Temperature-regulated fan speed. Fan idle within 40°C internal components temperature.
Efficiency	> 85%
Operating temperature	0° to +40°C
Certifications	CE in conformity with LV and EMC protocols

### SAFETY FEATURES

Input protection	Fast AC fuse
Output protection	By relay (reverse polarity protection)
Thermal Protection	Forced derating or safety cut off on the diodes
Protection during battery disconnection	Safety cut off by undervoltage

### OPTIONALS

On board	Inhibitor cable (Vac presence relay), Remote LED
Stand alone/wall mounted	Cable holder
On board/stand alone/wall	Additional extra coating

### MECHANICAL CHARACTERISTICS

Dimension	191 (w) 75(h) 362 (l) mm
Protection degree	IP 21 (vertical)
Weight	6 kg
Input cable	2,3 m +/- 10% (length) complete with Schuko plug 16A
Output cables	2,3 m +/- 10% (length) - DC plug on demand