

HFZ

SINGLE PHASE 230 Vac

MAIN APPLICATIONS



SUITABLE BATTERIES

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

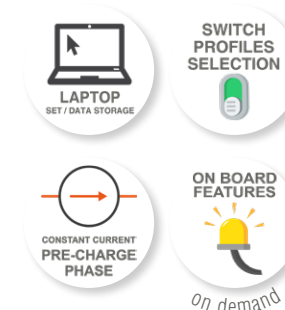
MODELS AVAILABLE

V	A	VAC	CODE	Lead acid (Ah)		Gel (Ah)	Iac
				7,5-8,5h	10-12-14h	12-14h	
24	40	1x230	HFZD 24/40	244-292	338-414-493	302-376	8,2
24	50	1x230	HFZD 24/50	305-365	423-518-617	377-470	10,2
24	60	1x230	HFZD 24/60	366-438	508-622-740	452-564	12,3
36	30	1x230	HFZD 36/30	183-219	254-311-370	226-282	9,1
36	40	1x230	HFZD 36/40	244-292	338-414-493	302-376	12,1
48	20	1x230	HFZD 48/20	122-146	169-207-247	151-188	8,0
48	30	1x230	HFZD 48/30	183-219	254-311-370	226-282	12,0

PRODUCT INTRO

HFZ is the medium range HF charger suitable for light traction applications with LED visual interface.

An easy built-in jumper enables profile selection (Pb-GEL pre-set) and PC connection allows advanced setting, data-report and diagnostic.



GENERAL CHARACTERISTICS

Mains	230Vac (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	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

Cable holder
Inhibitor cable (Vac presence relay), remote LED

MECHANICAL CHARACTERISTICS

Dimensions (LxWxH)	191 x 362 x 75 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