HFY & HFX

SINGLE PHASE 230 Vac



MAIN APPLICATIONS



SUITABLE BATTERIES

Wet lead acid - PzS

GEL - AGM - VRLA - PzV

Lithium (on demand)

MODELS AVAILABLE

					Lead acid (Ah)		Gel (Ah)	lac
	V	Α	VAC	CODE	7-8h	10-11-14h	12-14h	Current draw
	12 - 24	5	1x230	HFYD 12-24/5	31-35	42-47-57	38-47	1,12
HFY	12 - 24	10	1x230	HFYD 12-24/10	61-71	85-94-113	75-94	2,25
HEI	12 - 24	15	1x230	HFYD 12-24/15	92-106	127-141-170	113-141	3,37
	12 - 24	20	1x230	HFYD 12-24/20	122-141	169-188-227	151-188	4,49
	12 - 24	25	1x230	HFXD 12-24/25	153-176	212-235-283	189-235	5,58
HFX	12 - 24	30	1x230	HFXD 12-24/30	183-212	254-282-340	226-282	6,70
ПГЛ	36	20	1x230	HFXD 36/20	122-141	169-188-227	151-188	6,70
	48	15	1x230	HFXD 48/15	92-106	127-141-170	113-141	6,70

PRODUCT INTRO

HFY is the smallest HF charger suitable for on-board applications with LED visual interface.

HFX is the small-medium sized HF charger suitable for semi-traction & onboard applications with LED visual interface.

Easy built-in jumpers enable voltage and profile selection (12-24V and two profiles) PC connection for advanced setting, data-report and diagnostic.







GENERAL CHARACTERISTICS

HFX	HFY				
230V (1ph) +/-10% 50-60Hz On/off switch	230V (1ph) +/-10% 50-60Hz				
Single LED (3 colours)					
By switches: voltage (12-24) and 2 charging profiles (Pb/Gel pre-set) By PC: extra editable charging profiles, capacity, output current					
Charger gives a report of the last 25 cycles and key technical data by integrated PC port output					
Fan idle within 40°C internal components temperature.					
> 85%					
0° to +40°C					
CE in conformity with LV and EMC protocols					
	230V (1ph) +/-10% 50-60Hz On/off switch Single LED (3 colours) By switches: voltage (12-24) and 2 charging p By PC: extra editable charging profiles, capac Charger gives a report of the last 25 cycles an output Fan idle within 40°C internal components tem > 85% 0° to +40°C				

SAFETY FEATURES

Input protection	Delay AC fuse
Output protection	By relay (reverse polarity protection)
Thermal Protection	Forced derating on primary side 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, curly AC cable
Stand alone/wall mounted	Cable holder
On board/stand alone/wall	Additional extra coating

MECHANICAL CHARACTERISTICS

	HFX	HFY	
Dimensions	112 (w) 75 (h) 275 (l) mm	121 (w) 75 (h) 230 (l) mm	
Protection degree	IP 21 (horizontal)		
Weight	3 kg	2 kg	
Input cable	2,3 m +/- 10% (length) complete with Schuko plug 16A		
Output cables	2,3 m +/- 10% (length) - DC plug on demand		

