

HFT

THREE PHASE 400 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)	lac
				7-8h	10-11-14h	12-14h	Current draw
24	80	3x400	HFT 24/80	440-508	609-677-816	543-677	4,10
24	100	3x400	HFT 24/100	549-635	762-846-1020	679-846	5,10
24	120	3x400	HFT 24/120	659-762	914-1015-1224	814-1015	6,10
48	80	3x400	HFT 48/80	440-508	609-677-816	543-677	8,00
48	100	3x400	HFT 48/100	549-635	762-846-1020	679-846	10,00
48	120	3x400	HFT 48/120	659-762	914-1015-1224	814-1015	12,00
80	60	3x400	HFT 80/60	330-381	457-508-612	407-508	9,80
80	80	3x400	HFT 80/80	440-508	609-677-816	543-677	13,10
80	100	3x400	HFT80/100	549-635	762-846-1020	679-846	16,30

Special versions 36V, 72V, 96V and 120V available on demand
In between output current sizes available Air-mix Ah= +10%

PRODUCT INTRO

HFT is the three phase HF charger aimed for bigger traction batteries still featuring wall mounting.

An integrated interface with digital Display and LED visual enables a complete overview and setting of charge parameters, including delay start and easy troubleshooting. USB interface (on request) permits advanced setting and data-report. This range is then declined into HFT-AIR (airmix option) and HFT DOUBLE VOLTAGE with automatic Ah detection.



GENERAL CHARACTERISTICS

Mains	400V (3ph) +/-10% 50-60Hz
Visual signalling	4 LEDs, digital Display and 4 operational keys on the front side
Charger setting	By Display: Current, capacity, charging profiles (preset multiple selection)
Data memory (optional)	Charger gives a report of the last 25 cycles and key technical data (by PC)
Cool-down system	Temperature-regulated fan speed. Fan idle within 40°C internal components temperature.
Efficiency	>90%
Operating temperature	0° to +40°C
Certifications	CE in conformity with LV and EMC protocols

SAFETY FEATURES

Input protection	3 AC fast fuses
Output protection	Ultrafast fuse (reverse polarity protection)
Thermal Protection	Probes on IGBT and diodes + derating
Protection during battery disconnection	Safety cut off by undervoltage

OPTIONALS

Stand alone	Charger iron stand
Stand alone/wall mounted	Cable holder
On board/stand alone/wall	Additional extra coating, USB for data storage download, Air-mix pump, Pilot contact, Charger status lamp, Double voltage version with automatic Ah detection (special version)

MECHANICAL CHARACTERISTICS

Dimension	HFT: 398 (w) 114 (h) 519 (l) mm HFT Air/special features: 549 (w) 130 (h) 416 (l) mm
Protection degree	IP 21 (vertical)
Weight	17 kg
Input cable	2,5 m +/- 10% (length) - AC plug on demand
Output cables	2,5 m +/- 10% (length) - DC plug on demand