HFT

THREE PHASE 400 Vac

MAIN APPLICATIONS

SUITABLE BATTERIES

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

MODELS AVAILABLE

				Lead acid (Ah)		Gel (Ah)	
V	**A**	**VAC**	**CODE**	**7,5-8,5h**	**10-12-14h**	**12-14h**	**Iac**
24	80	3x400	**HFT 24/80**	440-526	609-746-888	543-677	4,1
24	100	3x400	**HFT 24/100**	549-657	762-932-1110	679-846	5,1
24	120	3x400	**HFT 24/120**	659-788	914-1119-1332	814-1015	6,1
48	80	3x400	**HFT 48/80**	440-526	609-746-888	543-677	8,0
48	100	3x400	**HFT 48/100**	549-657	762-932-1110	679-846	10,0
48	120	3x400	**HFT 48/120**	659-788	914-1119-1332	814-1015	12,0
80	80	3x400	**HFT 80/80**	440-526	609-746-888	543-677	13,1
80	100	3x400	**HFT 80/100**	549-657	762-932-1110	679-846	15,5
96	80	3x400	**HFT 96/80**	440-526	609-746-888	543-677	15,7
120	60	3x400	**HFT 120/60**	330-394	457-559-666	407-508	15,4

Special versions 36V and 72V 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 LEDs visual enables a complete overview and setting of charge parameters, including delay start and easy trouble-shooting.
This range includes also HFT-AIR, with air mix option.

GENERAL CHARACTERISTICS

Mains	400Vac (3ph) +/-10% 50-60Hz
Visual signalling	Digital display, 4 LEDs and 4 control keys
Charger setting	By display: current, capacity, charging profiles (pre-set multiple selection)
Data memory	Number of completed and partial chargers (by display)
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

Cable holder, charger iron stand
Inhibitor cable (Vac presence relay), remote LED, air mix pump

MECHANICAL CHARACTERISTICS

Dimensions (LxWxH)	397 x 115 x 521 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