HFT1 - 230V

THREE 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)
V	**A**	**VAC**	**CODE**	**7,5-8,5h**	**10-12-14h**	**12-14h**
24	80	3x230	**HFT1 24/80-230V**	440-526	609-746-888	543-677
24	100	3x230	**HFT1 24/100-230V**	549-657	762-932-1110	679-846
24	120	3x230	**HFT1 24/120-230V**	659-788	914-1119-1332	814-1015
36	80	3x230	**HFT1 36/80-230V**	440-526	609-746-888	543-677
36	100	3x230	**HFT1 36/100-230V**	549-657	762-932-1110	679-846
36	120	3x230	**HFT1 36/120-230V**	659-788	914-1119-1332	814-1015
48	80	3x230	**HFT1 48/80-230V**	440-526	609-746-888	543-677
48	100	3x230	**HFT1 48/100-230V**	549-657	762-932-1110	679-846
48	120	3x230	**HFT1 48/120-230V**	659-788	914-1119-1332	814-1015
80	60	3x230	**HFT1 80/60-230V**	330-394	457-559-666	407-508
80	80	3x230	**HFT1 80/80-230V**	440-526	609-746-888	543-677
80	100	3x230	**HFT1 80/100-230V**	549-657	762-932-1110	679-846

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

PRODUCT INTRO

HFT1-230V is the three phase HF charger designed for markets having special input Vac 230 three phase.
An integrated interface with OLED/LCD display enables a complete overview and setting of charge parameters, including delay start and easy trouble-shooting. USB interface (on request) permits advanced setting and data-report.

GENERAL CHARACTERISTICS

Mains	230Vac (3ph) +/-10% 50-60Hz
Visual signalilng	OLED/LCD display, 4 LEDs and 4 control keys
Charger setting	By OLED/LCD display: current, voltage, capacity and 7 pre-set charging profiles By laptop/USB port: enhanced programming
Data memory (optional)	Charger gives a Report of the last 50 charges 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 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, iron stand
Air mix pump, pilot contact, charger status lamp, thermal probe voltage adjustment

MECHANICAL CHARACTERISTICS

Dimensions (LxWxH)	402 x 259 X 535 mm
Protection degree	IP 21 (vertical)
Weight	26 kg
Input cable	2,5 m +/- 10% (length) – AC plug on demand
Output cables	2,5 m +/- 10% (length) – DC plug on demand