

HFTD

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)	Iac
				7-8h	10-11-14h	12-14 h	Current draw
48	160	3x400	HFTD 48/160	879-1016	1219-1354-1633	1086-1354	16,00
48	180	3x400	HFTD 48/180	989-1143	1371-1523-1837	1222-1523	18,00
48	200	3x400	HFTD 48/200	1099-1270	1523-1692-2041	1357-1692	20,00
80	140	3x400	HFTD 80/140	769-889	1066-1185-1429	950-1185	22,80
80	160	3x400	HFTD 80/160	879-1016	1219-1354-1633	1086-1354	26,10

Special versions 24V, 36V, 72V, 96V and 120V available on demand
In between output current sizes available Air mix Ah= +10%

PRODUCT INTRO

HFTD is the three phase HF charger reaching highest power through HFT boards parallel-assembling. 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 HFTD-AIR (air mix option) and HTC2 (CAN-bus), the protocol-equipped version for Lithium applications featuring an OLED display.



GENERAL CHARACTERISTICS

Mains	400V (3ph) +/-10% 50-60Hz
Visual signaling	4 LEDs, a 4 digit display and 4 keys on the front side
Charger setting	By display: current, capacity, charging profiles (pre-set multiple selection)
Data memory (optional)	Charger gives a report of the last 25 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 (each main power board)
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/wall mounted	Cable holder, charger iron stand
On board/stand alone/wall	Additional extra coating, USB for data storage download, OLED display, air mix pump, pilot contact, charger status lamp

MECHANICAL CHARACTERISTICS

Dimension	407 (w) 259 (h) 535 (l) 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