

HTUC

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	140	3x400	HTUC 24/140	769-889	1066-1185-1429	950-1185	5,70
24	160	3x400	HTUC 24/160	879-1016	1219-1354-1633	1086-1354	6,50
24	180	3x400	HTUC 24/180	989-1143	1371-1523-1837	1222-1523	7,30
24	200	3x400	HTUC 24/200	1099-1270	1523-1692-2041	1357-1692	8,10
48	140	3x400	HTUC 48/140	769-889	1066-1185-1429	950-1185	11,20
48	160	3x400	HTUC 48/160	879-1016	1219-1354-1633	1086-1354	12,80
48	180	3x400	HTUC 48/180	989-1143	1371-1523-1837	1222-1523	14,40
48	200	3x400	HTUC 48/200	1099-1270	1523-1692-2041	1357-1692	16,00
80	100	3x400	HTUC 80/100	549-635	762-846-1020	679-846	13,20
80	120	3x400	HTUC 80/120	659-762	914-1015-1224	814-1015	15,90

Special versions 36V and 72V available on demand

In between output current sizes available

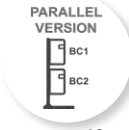
Air mix Ah= +10%

Parallel version available

PRODUCT INTRO

HTUC is the top level HF charger aimed to reach the highest performances. This range gathers all top features of HF ranges in terms of efficiency, power factor, ventilation, internal structure and general flexibility. An integrated digital interface with OLED/LCD display and integrated USB enables the best and easiest overview/setting of charge parameters, diagnostic and data reports.

Lithium version is available with private or custom protocol (HTUD model). With the parallel setting HTUC can reach high power output ratings like 48/400A and 80/240A.



GENERAL CHARACTERISTICS

Mains	400V (3ph) +/-10% 50-60Hz
Visual signalling	OLED display, 4 LEDs and 4 operational keys
Charger setting	By OLED display: current, capacity and 7 pre-set charging profiles By laptop/USB port: enhanced programming
Data memory	Charger gives a report of the last 50 cycles and key technical data by integrated USB door
Cool-down system	Dedicated air cooling direct to heatsink only. Temperature-regulated fan speed. Fan idle within 40°C internal components temperature
Efficiency	94%
Operating temperature	0° to +40°C
Certifications	CE in conformity with LV and EMC protocols

SAFETY FEATURES

Input protection	3 fast fuses
Output protection	By fuse (reverse polarity protection)
Thermal Protection	Probes on IGBT, diodes and power transformer + 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, air mix pump, pilot contact, charger status lamp (separate casing), dV/dt profiles

MECHANICAL CHARACTERISTICS

Dimensions	456 (w) 195 (h) 570 (l) mm
Protection degree	IP 21 (vertical) - Additional filter protection on demand
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