

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)	Iac
				7,5-8,5h	10-12-14h	12-14h	
24	140	3x400	HTUC 24/140	769-920	1066-1305-1554	950-1185	5,7
24	160	3x400	HTUC 24/160	879-1051	1219-1492-1776	1086-1354	6,5
24	180	3x400	HTUC 24/180	989-1183	1371-1678-1998	1222-1523	7,3
24	200	3x400	HTUC 24/200	1099-1314	1523-1865-2220	1357-1692	8,1
48	140	3x400	HTUC 48/140	769-920	1066-1305-1554	950-1185	11,2
48	160	3x400	HTUC 48/160	879-1051	1219-1492-1776	1086-1354	12,8
48	180	3x400	HTUC 48/180	989-1183	1371-1678-1998	1222-1523	14,4
48	200	3x400	HTUC 48/200	1099-1314	1523-1865-2220	1357-1692	16,0
80	120	3x400	HTUC 80/120	659-788	914-1119-1332	814-1015	15,9
96	100	3x400	HTUC 96/100	549-657	762-932-1110	679-846	15,9
120	80	3x400	HTUC 120/80	440-526	609-746-888	543-677	15,9

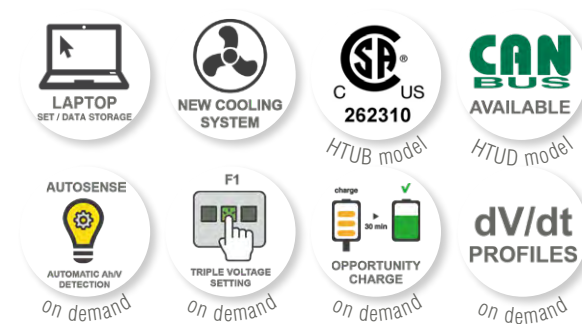
Special versions 36V and 72V available on demand
In between output current sizes available

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).



GENERAL CHARACTERISTICS

Mains	400Vac (3ph) +/-10% 50-60Hz (230Vac 3phase available on demand)
Visual signalling	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	Charger gives a report of the last 50 cycles and key technical data by integrated USB port
Cool-down system	Dedicated air cooling direct to heatsink only. Temperature-regulated fan speed. Fan idle within 40°C internal components temperature
Efficiency	≥ 92%
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

Cable holder, charger iron stand
Air mix pump, pilot contact, charger status lamp, thermal probe voltage adjustment

MECHANICAL CHARACTERISTICS

Dimensions (LxWxH)	HTUC: 456 x 195 x 570 mm HTUC 230Vac input: 470 x 422 x 1257 mm HTUC Air: 470 x 422 x 1257 mm
Protection degree	IP 21 (vertical) - Additional filter protection on demand
Weight	28 kg
Input cable	2,5 m +/- 10% (length) – AC plug on demand
Output cables	2,5 m +/- 10% (length) – DC plug on demand