HTUD

CAN BUS

THREE PHASE 400 Vac

MAIN APPLICATIONS

SUITABLE BATTERIES

Lithium

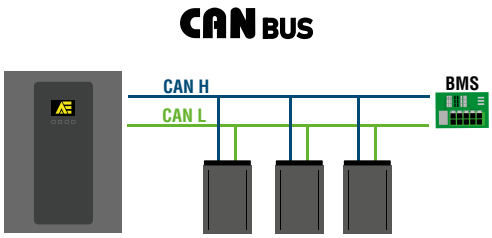
MODELS AVAILABLE

					Lithium
V	**A**	**VAC**	**CODE**	**Iac**	**Recharging time**
24	140	3x400	**HTUD 24/140**	5,7	See battery manufacturer data requirements
24	160	3x400	**HTUD 24/160**	6,5	
24	180	3x400	**HTUD 24/180**	7,3	
24	200	3x400	**HTUD 24/200**	8,1	
48	140	3x400	**HTUD 48/140**	11,2	
48	160	3x400	**HTUD 48/160**	12,8	
48	180	3x400	**HTUD 48/180**	14,4	
48	200	3x400	**HTUD 48/200**	16,0	
80	120	3x400	**HTUD 80/120**	15,9	
96	100	3x400	**HTUD 96/100**	15,9	
120	80	3x400	**HTUD 120/80**	15,9	

Special versions 36V available on demand

PRODUCT INTRO

HTUD 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 of the charging operation.
This version is specifically dedicated to lithium version with our private CAN or custom protocol (CAN open on demand).



GENERAL CHARACTERISTICS

Mains	400Vac (3ph) +/-10% 50-60Hz
Visual signalling	OLED/LCD display, 4 LEDs and 4 control keys
Charger setting	By laptop/USB port: software upload
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

Charger stand, cable holder

MECHANICAL CHARACTERISTICS

Dimensions (LxWxH)	570 x 456 x 195 mm
Protection degree	IP 21 (vertical)
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