HV3-C

CAN BUS

THREE PHASE 400 Vac

MAIN APPLICATIONS

SUITABLE BATTERIES

Lithium

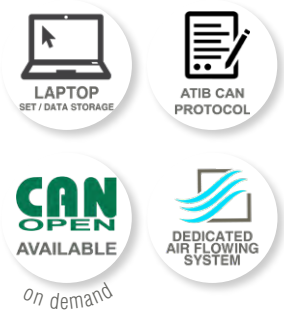
MODELS AVAILABLE

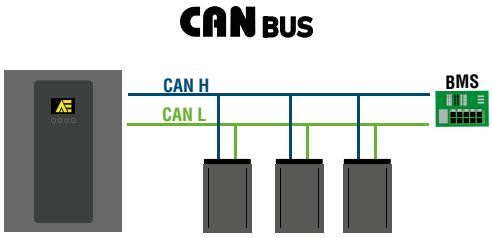
					Lithium
V	**A**	**VAC**	**CODE**	**Iac**	**Recharging time**
48	260	3x400	**HV3-C 48/260**	20,9	See battery manufacturer data requirements
48	300	3x400	**HV3-C 48/300**	24,1	
48	400	3x400	**HV3-C 48/400**	32,0	
80	200	3x400	**HV3-C 80/200**	26,4	
80	240	3x400	**HV3-C 80/240**	31,7	
80	260	3x400	**HV3-C 80/260**	34,4	
96	160	3x400	**HV3-C 96/160**	25,4	
96	200	3x400	**HV3-C 96/200**	31,8	
96	260	3x400	**HV3-C 96/260**	41,3	
120	120	3x400	**HV3-C 120/120**	23,8	
120	160	3x400	**HV3-C 120/160**	31,8	
120	200	3x400	**HV3-C 120/200**	39,7	

Special versions 24V, 36V and 72V available on demand

PRODUCT INTRO

HV3-C is the three phase HF charger equipped with OLED/LCD display and USB interface and it is the top of HF Range reaching the highest power. This version is designed for the recharge of any lithium applications.
CAN-bus communication is a standard feature to manage the profile through our private CAN protocol or adjusting it following your specific needs (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	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 AC fast fuses (each main power board)
Output protection	By fuse (reverse polarity protection)
Thermal Protection	Probes on IGBT and diodes + derating
Protection during battery disconnection	Safety cut off by undervoltage

OPTIONALS

Cable holder, higher IP filter protection

MECHANICAL CHARACTERISTICS

Dimensions (LxWxH)	602 x 426 x 802 mm
Protection degree	IP 21 (stand alonel) filter protection system ready (for higher IP: contact our technical department for more details)
Weight	69 kg
Input cable	2,5 m +/- 10% (length) – AC plug on demand
Output cables	2,5 m +/- 10% (length) – DC plug on demand