HVE-C

CAN BUS

THREE PHASE 400 Vac

MAIN APPLICATIONS

SUITABLE BATTERIES

Lithium

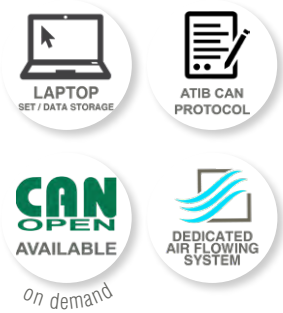
MODELS AVAILABLE

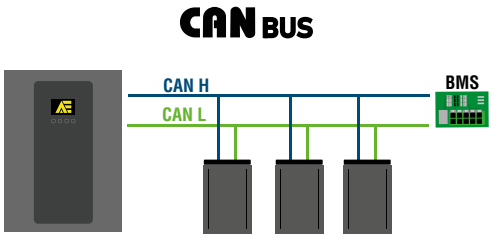
					Lithium
V	**A**	**VAC**	**CODE**	**Iac**	**Recharging time**
24	120	3x400	**HVE-C 24/120**	4,9	See battery manufacturer data requirements
24	140	3x400	**HVE-C 24/140**	5,7	
48	80	3x400	**HVE-C 48/ 80**	6,4	
48	100	3x400	**HVE-C 48/100**	8,0	
48	120	3x400	**HVE-C 48/120**	9,6	
48	140	3x400	**HVE-C 48/140**	11,2	
80	80	3x400	**HVE-C 80/ 80**	10,6	
80	100	3x400	**HVE-C 80/100**	13,2	
80	110	3x400	**HVE-C 80/110**	14,5	
96	80	3x400	**HVE-C 96/ 80**	12,7	
96	90	3x400	**HVE-C 96/ 90**	14,3	
120	60	3x400	**HVE-C 120/60**	11,9	
120	70	3x400	**HVE-C 120/70**	13,9	

Special versions 36V and 72V available on demand

PRODUCT INTRO

HVE-C is the three phase version of the charger having same features and interfaces of our HVE, designed for the recharge of 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
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

Charger stand, cable holder

MECHANICAL CHARACTERISTICS

Dimensions (LxWxH)	521 x 397 x 115 mm
Protection degree	IP 21 (vertical)
Weight	18 kg
Input cable	2,5 m +/- 10% (length) – AC plug on demand
Output cables	2,5 m +/- 10% (length) – DC plug on demand