HV2-C

THREE PHASE 400 Vac

MAIN APPLICATIONS

SUITABLE BATTERIES

Lithium

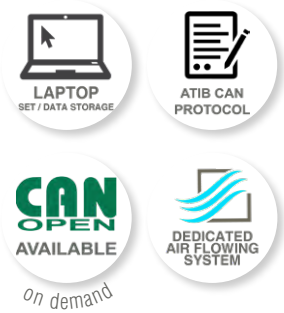
MODELS AVAILABLE

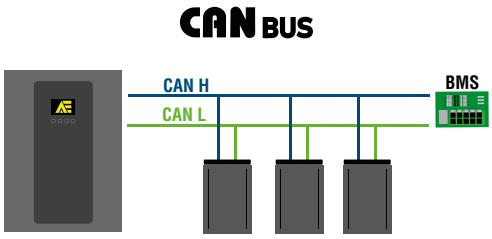
					Lithium
V	**A**	**VAC**	**CODE**	**Iac**	**Recharging time**
48	160	3x400	**HV2-C 48/160**	12,8	See battery manufacturer data requirements
48	180	3x400	**HV2-C 48/180**	14,4	
48	200	3x400	**HV2-C 48/200**	16,0	
48	250	3x400	**HV2-C 48/250**	20,0	
80	140	3x400	**HV2-C 80/140**	18,5	
80	160	3x400	**HV2-C 80/160**	21,2	
80	200	3x400	**HV2-C 80/200**	26,4	
96	100	3x400	**HV2-C 96/100**	15,9	
96	140	3x400	**HV2-C 96/140**	22,2	
96	160	3x400	**HV2-C 96/160**	25,4	
120	80	3x400	**HV2-C 120/80**	15,9	
120	100	3x400	**HV2-C 120/100**	19,9	
120	130	3x400	**HV2-C 120/130**	25,8	

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

PRODUCT INTRO

HV2-C is the three phase HF charger equipped with OLED/LCD and USB interface. It has been 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	Ultrafast 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)	402 x 259 X 535 mm
Protection degree	IP 21 (vertical)
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