HKP-C

CAN BUS

SINGLE PHASE 230 Vac

MAIN APPLICATIONS

SUITABLE BATTERIES

Lithium

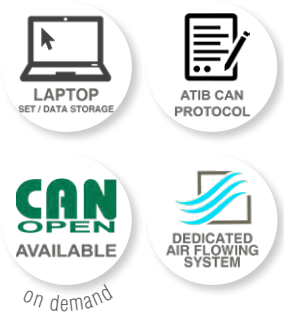
MODELS AVAILABLE

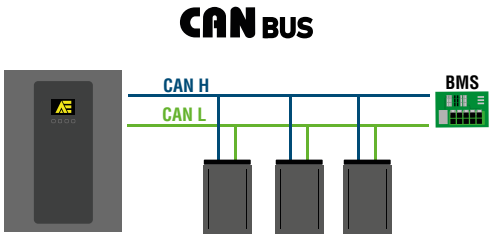
					Lithium
V	**A**	**VAC**	**CODE**	**Iac**	**Recharging time**
24	70	1x230	**HKP-C 24/70**	8,4	See battery manufacturer data requirements
24	85	1x230	**HKP-C 24/85**	10,2	
36	50	1x230	**HKP-C 36/50**	8,9	
36	60	1x230	**HKP-C 36/60**	10,7	
48	50	1x230	**HKP-C 48/50**	11,7	
48	60	1x230	**HKP-C 48/60**	14,1	

Special versions 12V, 36V, 72V, 80V, 96V available on demand

PRODUCT INTRO

HKP-C is the single phase HF charger equipped with PFC (Power Factor Control) and an OLED/LCD + USB interface, 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).
This compact device is ideal for wall mounting.





GENERAL CHARACTERISTICS

Mains	230Vac (1ph) +/-10% 50-60Hz
Visual signalling	OLED 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	> 88%
Operating temperature	0° to +40°C
Certifications	CE in conformity with LV and EMC protocols

SAFETY FEATURES

Input protection	AC fast fuse
Output protection	By relay (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)	**Standard version**: 521 x 397 x 115 mm **Compact version**: 406 x 224 x 98 mm
Protection degree	IP 21 (vertical)
Weight	18 kg
Input cable	2,5 m +/- 10% (length) – complete with Schuko plug 16A
Output cables	2,5 m +/- 10% (length) – DC plug on demand