

HK SERIES METAL CLAD HIGH FREQUENCY CHARGERS

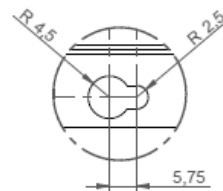
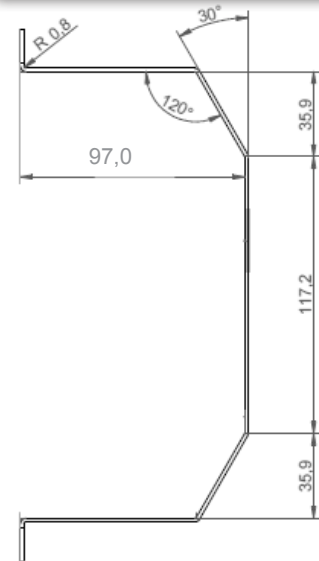
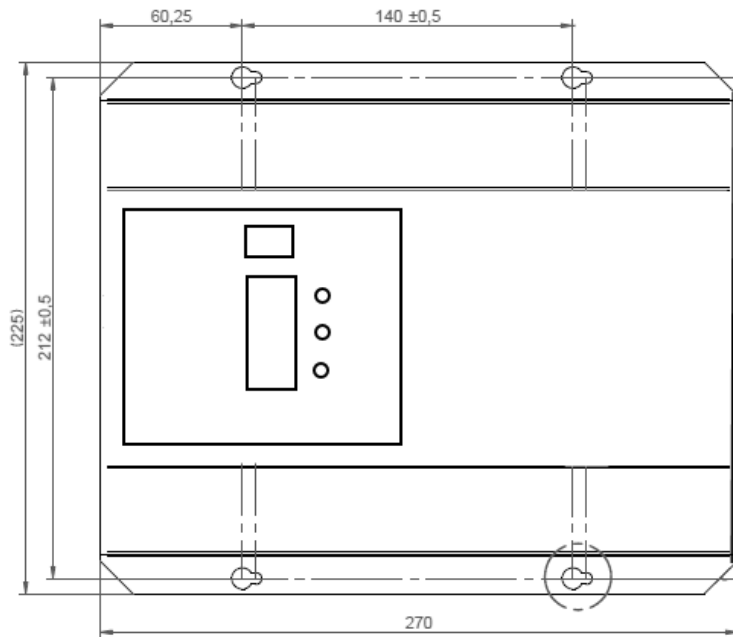


TECHNICAL FEATURES

CBHF2-HK

- High frequency system with advanced technology
- Charging process fully controlled by microprocessor
- Efficiency 90%
- Insensitive charge parameters of the +15% AC input line voltage variations
- Visualization on the LED display of the charging current battery voltage, charging time, and charge supplied in Ah and of the energy absorbed in KWh
- Facility to change the charging curve by means of dipswitches, choosing from 16 standard pre-programmed curves for lead-acid, Gel and AGM batteries. Any other curve available on request for all types of batteries (Li-on and Li-Po included)
- dv/dt adaptive charging profile available under request for wet lead-acid traction batteries.
- Facility to change the battery voltage and the charging current by means of dipswitches
- Charging process commences 'soft start' mode and automatically resets upon connection of a new battery
- Alphanumeric signals of possible faults
- Output ripple at maximum load lower than 100mV
- Compensation of the voltage drop on the connecting cables to the battery
- Charge cycle begins with batteries as low as 2v
- Protection against polarity inversions, short circuits, over-voltages or anomalies
- Thermal protection against overheating
- Equipped with NC (normally closed) relay for safety interlock connections (available only for on-board installation)
- Operating temperature: -10°C ÷ +45°C (14°F ÷ 113°F)
- Maximum relative humidity: 90%
- Self extinguishing case made of UL94-V0 ABS with double insulation
- Remote 3-LED (red, yellow and green) of recharge (optional) with:
 - 3-LED board (code: SKLED)
 - 3-LED 18mm diameter round remote indicator (code: LBF318EZ)
 - 3-LED 22x30mm squared remote indicator (code: LBF3QEZ)
- The information relevant to the last 30 charging cycles (duration, AH's delivered by the battery, voltage and error messages) can be downloaded through a cable and specific software is available
Code: SPEDATACABLEHF

Selection Table & Specifications



DIMENSIONS: 270 x 255 x 97 mm (10.6 x 10.0 x 3.8 in) LxWxH
Weight: 2,5 Kg (5,51 lb)
PROTECTION: IP 30

Model	AC Voltage 50-60Hz	Volt	Am- pere	Type	Kg	P/ SW/ SC	Battery Copaci- ty 8-9 hours recharge	Battery Capac- ity 10-12 hours recharge	Grade
CBHF2-HK 12V 30A	230-240Vac	12	30	A6	2,2	SW2	145 - 180 Ah	200 - 270 Ah	IP20
CBHF2-HK 24V 30A	230-240Vac	24	30	A6	2,2	SW2	145 - 180 Ah	200 - 270 Ah	IP20
CBHF2-HK 36V 15A	230-240Vac	36	15	A6	2,2	SW2	70 - 90 Ah	95 - 130 Ah	IP20
CBHF2-HK 36V 20A	230-240Vac	36	20	A6	2,2	SW2	95 - 120 Ah	120 - 180 Ah	IP20
CBHF2-HK 36V 25A	230-240Vac	36	25	A6	2,2	SW2	120 - 160 Ah	180 - 240 Ah	IP20
CBHF2-HK 48V 15A	230-240Vac	48	15	A6	2,2	SW2	70 - 90 Ah	95 - 130 Ah	IP20
CBHF2-HK 48V 20A	230-240Vac	48	20	A6	2,2	SW2	95 - 120 Ah	120 - 180 Ah	IP20
XP Version - Extra Power									
CBHF2-XP-HK 12V 35A	230-240Vac	12	35	A6	2,2	SW2	180 - 220 Ah	240 - 320 Ah	IP20
CBHF2-XP-HK 12V 40A	230-240Vac	12	40	A6	2,2	SW2	220 - 260 Ah	285 - 361 Ah	IP20
CBHF2-XP-HK 24V 35A	230-240Vac	24	35	A6	2,2	SW2	180 - 220 Ah	240 - 320 Ah	IP20
CBHF2-XP-HK 24V 40A	230-240Vac	24	40	A6	2,2	SW2	220 - 260 Ah	285 - 361 Ah	IP20
CBHF2-XP-HK 36V 30A	230-240Vac	36	30	A6	2,2	SW2	145 - 180 Ah	200 - 270 Ah	IP20
CBHF2-XP-HK 48V 22A	230-240Vac	48	22	A6	2,2	SW2	100 - 140 Ah	160 - 220 Ah	IP20