

HIGH FREQUENCY BATTERY CHARGERS

S.P.E. ELETTRONICA
INDUSTRIALE

CBHD1



Lightweight
Compact
Customizable
Universal Input

Technical Features:

- **High frequency** system with advanced technology.
- **Universal Input** 85Vac ÷ 264Vac, 50Hz ÷ 60Hz.
- **Integrated battery discharge indicator** with lockout relay for 80% discharged batteries with 3-LED 18 mm diameter remote indicator (optional: please add the suffix LBF to the model of the charger).
- Remote red/yellow/green charge status indicator also displays signals in case of anomalies (optional)
- Charging parameters are insensitive to the AC input line voltage variations.
- Charging process fully controlled by microprocessor.
- Resident charging curves for lead-acid, AGM and Gel batteries.
- Possibility to choose from curves for typical lead-acid, Gel and AGM batteries, all other curves available on request.
- Protection with an output relay against polarity inversions, short circuits, over-voltages or anomalies.
- Efficiency > 85%.
- Output ripple at maximum charge lower than 100mV.
- Charge cycle begins with batteries as low as 2V
- Thermal protection against over heating.
- Normally closed auxiliary contact of connected AC input line.
- Forced ventilation with fans (on some versions).

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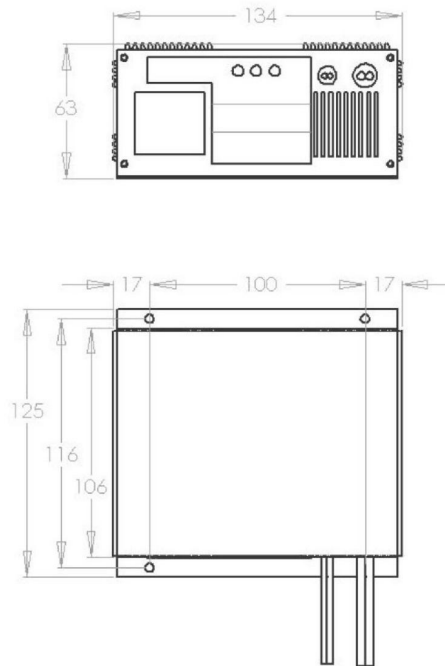


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CBHD1 Compact

(models: 12-2, 24-2, 12-5, 24-5)



Dimensions in mm

134x125x63 mm

Protection: IP30 Standard*

MODEL	BATTERY VOLTAGE	CHARGING CURRENT	BATTERY RANGE	
			(5h)	(20h)
CBHD1 12-2	12 V	2 A	5 ÷ 20 Ah	15 ÷ 30 Ah
CBHD1 24-2	24 V	2 A	5 ÷ 20 Ah	15 ÷ 30 Ah
CBHD1 12-5	12 V	5 A	20 ÷ 50 Ah	30 ÷ 60 Ah
CBHD1 24-5	24 V	5 A	20 ÷ 50 Ah	30 ÷ 60 Ah