



TECHNICAL DATA SHEET

Multi-Functional Industrial HF Battery Charger

CBHF2

General Features

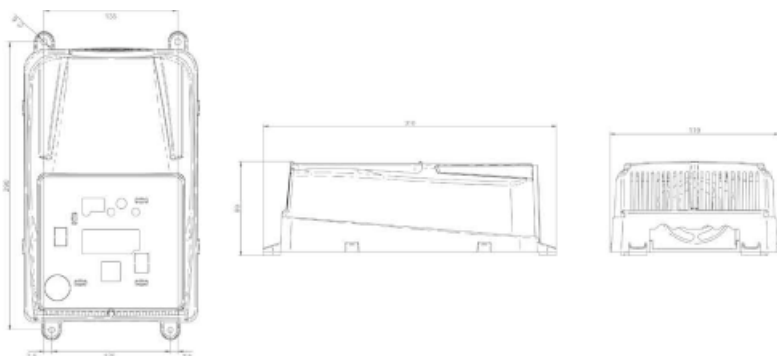
- Power from 180W up to 1050W
- Current from 15A to 40A
- Active PFC
- Charging cycles information through USB (optional)
- Extra power version available (CBHF2-XP)
- Universal Input available (UI 110-240Vac)

Applications

- Materials Handling
- Cleaning Machines
- Access Platforms
- Golf Buggy
- Mobility
- Electric Vehicles



Battery Voltage	Battery Range (5h)		Battery Range (20h)	Charging Current	Model
	8-9 hours charging time	10-12 hours charging time	10-12 hours charging time		
12V	80 ÷ 110 Ah	100 ÷ 150 Ah	130 ÷ 185 Ah	15A	12-15
	95 ÷ 120 Ah	120 ÷ 195 Ah	150 ÷ 240 Ah	20A	12-20
	120 ÷ 160 Ah	180 ÷ 260 Ah	220 ÷ 315 Ah	25A	12-25
	145 ÷ 180 Ah	200 ÷ 280 Ah	245 ÷ 350 Ah	30A	12-30
	180 ÷ 220 Ah	250 ÷ 320 Ah	305 ÷ 390 Ah	35A	12-35 (XP)
	220 ÷ 260 Ah	295 ÷ 360 Ah	360 ÷ 440 Ah	40A	12-40 (XP)
24V	80 ÷ 110 Ah	100 ÷ 150 Ah	130 ÷ 185 Ah	15A	24-15
	95 ÷ 120 Ah	120 ÷ 195 Ah	150 ÷ 240 Ah	20A	24-20
	120 ÷ 160 Ah	180 ÷ 260 Ah	220 ÷ 315 Ah	25A	24-25
	145 ÷ 180 Ah	200 ÷ 280 Ah	245 ÷ 350 Ah	30A	24-30
	180 ÷ 220 Ah	250 ÷ 320 Ah	305 ÷ 390 Ah	35A	24-35 (XP)
	220 ÷ 260 Ah	295 ÷ 360 Ah	360 ÷ 440 Ah	40A	24-40 (XP)
36V	80 ÷ 110 Ah	100 ÷ 150 Ah	130 ÷ 185 Ah	15A	36-15
	95 ÷ 120 Ah	120 ÷ 195 Ah	150 ÷ 240 Ah	20A	36-20
	120 ÷ 160 Ah	180 ÷ 260 Ah	220 ÷ 315 Ah	25A	36-25
	145 ÷ 180 Ah	200 ÷ 280 Ah	245 ÷ 350 Ah	30A	36-30 (XP)
48V	80 ÷ 110 Ah	100 ÷ 150 Ah	130 ÷ 185 Ah	15A	48-15
	95 ÷ 120 Ah	120 ÷ 195 Ah	150 ÷ 240 Ah	20A	48-20
	105 ÷ 140 Ah	150 ÷ 220 Ah	165 ÷ 265 Ah	22A	48-22 (XP)



DIMENSIONS (LxWxH): 180x310x100 mm

WEIGHT: 3,50 Kg - 7.72 lbs

PROTECTION GRADE: IP30

INPUT VOLTAGE: Universal 100 - 240 Vac
50-60 Hz - 240

Vac only available

*Note The above data are average values, and can be obtained within 3 charge/discharge cycles. These are not minimum values. Cell and battery designs/specifications are subject to modification without notice. Contact BSH for the latest information.