

Excel Series High Frequency Battery Charger

The Excel Series model CBHD1-XR-P

This high frequency battery charger is suitable in a wide range of applications for recharging deep cycle flooded, gel and agm batteries. Using advanced resonant technology it achieves an electrical efficiency greater than 90% in an extremely compact package. Both current and voltage output are finely controlled regardless of AC input. Users can select from 4 different pre-programmed charging curves to suit a variety of lead-acid battery brands and types.

Applications

Compact and Mid-Sized Autoscrubbers, Sweepers, Mobility Scooters, Power Chairs, Stackers, Tugs

Technical characteristics

- Input range: 85-264V AC, 50-60Hz
- cULus Listed
- Output ripple <100mV at maximum power
- Thermal protection against overheating
- Operating temperature: -10°C to +45°C (14°F to 113°F)
- Max humidity: 90%

Product specifications subject to change without notice.



- ▶ **Fully automatic operation**
- ▶ **Microprocessor controlled**
- ▶ **Universal AC input**
- ▶ **Programmable current output**
- ▶ **High electrical efficiency >90%**
- ▶ **Reverse polarity and short circuit protection**
- ▶ **Output relay prevents DC plug arcing**
- ▶ **Simple red, yellow green LED charge status indicators**

Model Number	Voltage Setting	Current Settings	Battery Size Range (C20)	Battery Size Range (C5)	Weight	Dimensions	AC Cable	DC Cable	DC Connector
CBHD1-XR-P 24/13	24V	10a	80 - 120Ah	50 - 90Ah	2.4 lbs / 1.2 kg	8.0" x 5.6" x 2.4" / 202 x 141 x 62mm	6.6' / 2.0m	7.2' / 2.2m	SB50 Grey
		13a	90 - 150Ah	80 - 130Ah					



BRIERLY TECHNOLOGIES INC.

**Contact us today and find out how BTi
can help power your business**

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Quality Battery Chargers for Optimum Performance

Dedicated to providing superior charging solutions for DC powered equipment, Brierly Technologies, Inc. has more than **22 years of experience** in increasing battery performance, service life and customer satisfaction.

High Frequency Chargers

Elite Series



Esprit Series



Excel Series



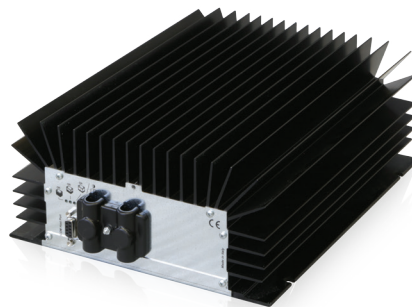
Chargers

Elite PRO Series



Sealed Chargers

Exige Series



Battery Capacity Testers

Alfabat Pro



In addition to the wide selection of chargers, BTI also supplies a variety of accessories including battery level meters, micro level indicators, data loggers, DC connectors, master switches and key switches.

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