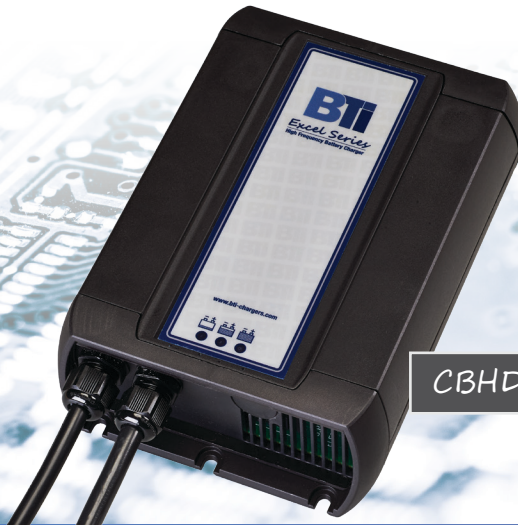


Excel Series

High Frequency Battery Chargers



CBHD1-XR-P

The Excel Series model CBHD1-XR-P is a high frequency battery charger suitable in a wide range of applications for recharging deep cycle Flooded Lead-Acid, 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. These chargers are suitable for approved on-board installations and can be supplied with safety interlock wiring if required. Wall mounting is also possible. This unit is CEC compliant and bears the BC mark.

Key Features

- fully automatic operation
- microprocessor controlled
- universal AC input
- high electrical efficiency > 90%
- reverse polarity & short circuit protection
- output relay prevents DC plug arcing
- fan cooled to allow maximum performance

BTi

BRIERLY TECHNOLOGIES INC.



Applications

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

Selection for Battery Size

Model	Output Voltage	Current Output (Max.)	Battery Size Range in Ah (C20) 10-12 Hr Recharge	Battery Size Range in Ah (C5) 10-12 Hr Recharge	Dimensions
CBHD1-XR-P 24/13 2.4 lbs / 1.2 kg	24V	10A	80 - 120Ah	50 - 90Ah	8 x 5.6 x 2.4" / 202 x 141 x 62mm
		13A	90 - 150Ah	80 - 130Ah	



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%
 Specifications are subject to change without notice

* Standard cord set has NEMA5-15P plug. EU cord set or UK cord set available. Standard DC connector is SB50 grey. Other DC connectors are available on request. A 12V version is available on special order.
 Unit is fitted with 4'11"/1.5m DC cable and a 6'3"/1.9m AC cable.