



# BCH & BCO Battery Charger Series

- Power Factor Corrected
- 3-Stage Cyclic Chargers
- Marine & Industrial Applications
- Comprehensive Circuit Protection



## Product Details

The BCH / BCO top-of-the-range chargers offer high charging currents and will perform perfectly on the worst marina mains supply.

They offer active power factor correction that optimises the use of the available power, the BCH model incorporates an internal diode splitter that allows independent charging of up to four batteries.

Comprehensive protection circuitry guards the units against damage from reversed polarity, overtemperature, overvoltage, undervoltage and overcharging conditions.

	BCH1240/4	BCH2420/4	BCO1260/1	BCO2430/1
Stock Number	19425-000	19426-000	19450-000	19452-000
Input voltage	90V AC – 270V AC		180V AC – 270V AC	
Input current	8A max		6A max	
Power Factor	>0.98 @ full load			
Efficiency	>80% @ 230V AC		>82% @ full load	
Float voltage	13.8V +/-0.01V DC	27.6V +/-0.02V DC	13.8V +/-0.01V DC	27.6V +/-0.02V DC
Boost voltage	14.4V +/- 0.1VDC	28.8V +/-0.2V DC	14.4V +/- 0.1VDC	28.8V +/-0.2V DC
Boost – float changeover	When charging current drops to			
	8A +/- 2A	4A +/- 1A	12A +/- 3A	6A +/- 1.5A
Charging current	40A @ 12V OP	20A @ 24V OP	60A +/- 3A @ 12 V OP	30A +/- 1.5 A @ 24V OP
Ambient temperature range	-10°C to +55°C			
Size: high(h) x wide(w) x deep(d) [mm]	275 x 213 x 86			
Weight	3.8kg			
Input connections	Standard IEC Inlet			
Output connections	Multi O/P M6 studs		Single O/P M6 Studs	
	Remote voltage sensing of positive output. (Optional use)			
	Remote battery temperature sensing (optional part no PTS1)			
Approvals	EN60950 – Safety EN61000-6-2 – Emissions EN61000-6-3 – Immunity			

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