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NEW PRODUCT

BATTERY CHARGERS

VETUS introduces a new range of battery chargers especially designed for marine use.

These new battery chargers have a four stage IUoU charge programme:

In the first **Bulk charge** stage, the battery receives a continuous maximum current charge. Once the battery is recharged to approximately 75% of its full capacity, the charger switches automatically to a constant voltage **Absorption** stage for the remaining 25%.

When the battery is fully charged, the charger will maintain this charge phase for 15 minutes (providing the charge is under 6.25 % of the full charge current) and then switches over to the **Float charge** stage. In this stage the battery charger maintains the full charge without overloading the battery. It compensates for self-discharge and "floats" any loads on the battery.

After being in the float stage for 12 days, the charger implements the final **Reconditioning** stage. In this stage the charger will switch to the Bulk stage for 85 minutes only, to ensure that the battery stays in optimum condition.

With easy access dipswitches, the maximum charge voltage can be adapted to suit the type of battery being charged. These chargers are suitable for all AC power sources from 90 V to 265 V. The active Power Factor Correction feature takes care of any unwanted line disturbances.

VETUS battery chargers are extensively tested, including a 2G vibration test, to meet our quality standards and ensure long term operation.

These new chargers are compatible with Lead Acid, Li-ion, Gel and AGM batteries, and can be connected to a remote control panel (BCRP) and a battery temperature sensor (BCTS). The chargers have a separate alarm contact and the fan speed can be adjusted for comfort reasons.

A trickle charger with maximum output of 2A is provided on models BC12151, BC12252 and BC12352.

Specifications

- Universal AC input with active PFC (90 - 264 VAC)
- Compatible with Lead Acid, Li-ion, Gel and AGM batteries
- Remote control panel available as optional accessory
- Optional battery temperature sensor
- Voltage/temperature compensation
- High efficiency and high reliability
- Protection against short circuit/over voltage/over temperature

Now available

Model	Dimensions W(A) x H(B) x D(C)	Standard Boost Charge Voltage	Standard Float Charge Voltage	Main Rated Current	Single Output Current Limit	Main Output (ESB)
BC12151	204,6x84x258,5	14.4V / 14.7V	13.8V / 13.5V	15A	15A	1 (1)
BC12252	204,6x84x258,5	14.4V / 14.7V	13.8V / 13.5V	25A	25A	2 (1)
BC12352	204,6x87x278,5	14.4V / 14.7V	13.8V / 13.5V	35A	35A	2 (1)
BC24122	204,6x84x258,5	28.8V / 29.4V	27.6V / 27V	12.5A	12.5A	2
BC12503	236,6x90x287,5	14.4V / 14.7V	13.8V / 13.5V	50A	40A	3
BC24253	236,6x90x287,5	28.8V / 29.4V	27.6V / 27V	25A	25A	3
BC12803	236,6x90x327,5	14.4V / 14.7V	13.8V / 13.5V	80A	40A	3
BC24403	204,6x84x258,5	28.8V / 29.4V	27.6V / 27V	40A	40A	3

CREATORS OF
BOAT SYSTEMS



**3 year warranty,
unique in the market!**