Mastervolt introduces Chargemaster 12/25-3 at London International Boat Show

The ingenious Mastervolt ChargeMaster 12/25-3 battery charger is the latest instrument to join Mastervolt’s market leading line of charge control devices.

The clever design of the ChargeMaster 12/25-3 ensures top quality battery charging anywhere in the world and will even provide a power output that is so clean it can be used to power the onboard electrical system directly when the boat is laid up with her batteries removed. It is an easily installed unit supplied with mounts for fitting on either a bulkhead or a horizontal surface.

Any input mains voltage between 90 and 265V can be handled automatically and the charger can work with up to three separate batteries at a time, where each battery has a capacity of between 50 and 250Ah. The charger weighs only 1kg (2.2lb) and manages a three stage charging cycle with an absorption voltage of 14.25V and a float voltage of 13.25V to ensure rapid charging and easy maintenance of batteries in peak condition.

The ChargeMaster 12/25-3 links in to Mastervolt’s MasterBus onboard digital communications system to enable remote monitoring and control via one of Mastervolt’s MasterView panels. It has also been designed to connect to a CANBus system making it ready for future digital systems.

The charger has been made to be more than 79% power efficient by minimising electrical demands and losses, so that it loses less than 6.5W when idling. It is also extremely quiet during operation with noise levels below 52dBA at 1m range.

A further intelligent feature of the new charger is its unique memory function, which prevents the unit from starting a new three-stage charge cycle if the supply voltage is interrupted.

The elegantly designed ChargeMaster 12/25-3 is constructed to Mastervolt’s highest standards, which have been key in placing the company at the forefront of the world’s marine electrical industry.