

# Masterlink BTM-III



Product code: 70403163

A Mastervolt battery monitoring panel brings an end to nasty surprises, like a sudden shortage of battery power.

The Masterlink BTM-III battery monitor provides an accurate indication of the current, amperage, remaining time and remaining capacity of battery bank 1, and the current and estimated capacity of battery banks 2 and 3. The built-in microprocessor calculates the remaining capacity and stores historic data.

The Masterlink BTM-III includes ten languages: English, French, German, Spanish, Italian, Dutch, Norwegian, Danish, Swedish and Finnish.

# Specifications

## General specifications

|                           |   |
|---------------------------|---|
| Number of battery outlets | 3 (service, starter & bowthruster)  |
| Display/read-out          | voltage, current, Amp-hours, time remaining, battery capacity in %<br>voltage, current, amp-hours, time remaining, battery capacity in %, special battery status events |
| Languages on display      | English, Dutch, French, Spanish, German, Danish, Finnish, Norwegian, Italian, Swedish   |
| Built-in depth            | 40 mm, incl. cover and cable: 55 mm   |
| Dimensions, hwxwd         | 1.6 inch<br>65 x 120 x 40 mm  |
| Dimensions shunt, hwxwd   | 2.6 x 4.7 x 1.6 inch<br>84 x 44 x 44 mm   |
| Weight                    | 3.3 x 1.7 x 1.7 inch<br>0.25 kg<br>0.6 lb   |

## Technical specifications

|                                     |                           |
|-------------------------------------|---------------------------|
| Max. Ah capacity                    | 9999 Ah                   |
| Supply voltage                      | 8-50 V                    |
| Voltage range                       | 7-35 V                    |
| Current consumption (backlight off) | 28 mA/12 V, 16 mA/24 V    |
| Current consumption (backlight on)  | 100 mA/12 V, 50 mA/24 V   |
| Voltage resolution                  | 0.01 V                    |
| Voltage accuracy                    | ± 0.6 %                   |
| Shunt specification                 | 500 A/50 mV (service set) |
| Current measurement range           | 0-500 A (optional 1000 A) |
| Current accuracy                    | ± 0,8 %                   |
| Battery alarm contact               | yes, open collector       |
| Remaining time indication           | yes                       |
| Historical data                     | yes                       |
| MasterBus compatible                | no                        |
| Connection cable (6-wire) necessary | no                        |
| Modular cable necessary             | no                        |