

Touch screen

12, 24V, 36 & 48VDC Up to 2000Ah

# Battery monitor BAT-MON touch screen 3.5"













Leisure & commercial marine | Mobile Industry | Renewable energy | Robotics

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## **Battery monitor BAT-MON** touch screen 3.5"



Item code
BAT-MON-3.5-3
SHUNT-300-3.5-3
SEEL017153
STP-UNI-2.8
STP-UNI-5.0

### Very high accuracy (10mA) and large capacity (up to 2000Ah) Adjustable nominal battery voltage : 12V / 24V / 36V / 48V

- High resolution, energy-saving back light LCD display \* Dimensions : L 105 x H 105 x D 40 mm
  - \* Cut-out : 88 x 88 mm
- · 1 internal potential free contact : to activate a monostable or bistable relay
- 1 active shunt 300A as standard.
  - \* Dimensions : L 119 x H 44 x D 43 mm
  - \* Connection : M8 bolts
- · Languages : French, English, German and Spanish.

#### 2 examples of installation

**3 BATTERY BANKS OR DC SOURCES** 

Brand new CRISTEC's advanced battery monitor **BAT-MON** for most demanding users. For up to 3 battery banks or power generation (DC source) with 3 additional battery voltage readings. It operates at 12, 24, 36 and 48V and is suitable for all types of batteries, including Lithium. The battery monitor BAT-MON shows all relevant standard data such as voltage, current, remaining capacity and time of the service battery plus one additional voltage for starter or bow battery at the same time.

Moreover the battery monitor **BAT-MON** records history data of your battery such as average discharge depth, unavailable capacity and number of charge/ discharge cycles.

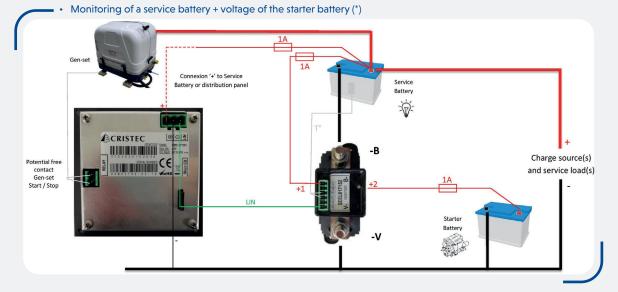
An active high-precision 300A shunt unit is provided as standard for battery control. Two extra ones can be used as option. For each used shunt an additional voltage measurement(\*) is also available (i.e. bow-thruster battery).

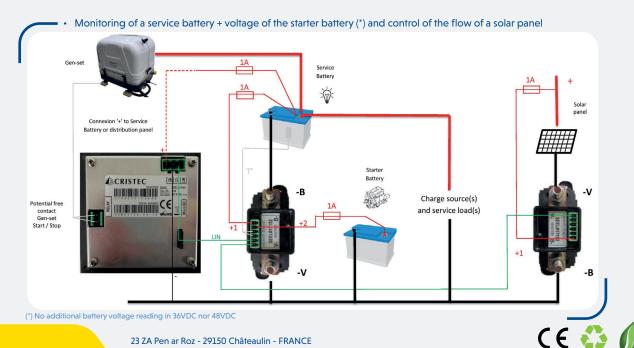
A CAN-BUS interface shunt is also available (item code FLEXCAN).

#### **POTENTIAL FREE CONTACT**

If one of the controlled batteries reaches the configured low capacity or voltage threshold, an acoustic alarm comes on and an appropriated symbol appears on the screen. When there is an on-board generator battery monitor **BAT-MON** supervises the battery capacity and controls the generator through a potential free contact.

The generator is switched ON according to the adjusted capacity threshold.





RoHS

