



CRISTEC

on-board energy



Digital battery monitor JBNUM - CPS3

Presentation

The battery monitor JBNUM-CPS3 has been designed to monitor the state of charge, voltage, current, temperature and capacity of your batteries.

This system can monitor up to 3 batteries simultaneously with a capacity ranging up to 2000 Ah, voltage 12 or 24VDC.

The display operates on the principle of navigation with buttons and display with a back-lighted graphic LCD.



The following parameters can be set :

- › Number of battery to monitor : 1, 2 or 3
- › Capacity of each battery (Ah)
- › Low voltage alarm value for each battery
- › High voltage alarm value for each battery
- › Acoustic alarm (buzzer) ON/OFF
- › Type of display for the battery capacity (Ah or %)
- › Language (French or English)
- › Backlight duration

Provided accessories

- › The battery monitor.
- › Kit shunt = a 250A/100mV shunt and a 10m RJ11 cable to monitor one battery.

Part number : JBNUM - CPS3

We reserve the right to make modifications to the specification without prior notice. Please consult us.

Options

- › Kit shunt to monitor an additional battery = a 250A/100mV shunt and a 10m RJ11 cable (the system can monitor 3 batteries maximum - 1 kit shunt is required for each battery) - (**part number KITSHUNT-CPS3**).
- › Temperature sensor to monitor one battery (the system can only monitor the temperature of 2 batteries maximum - 1 sensor per battery) - (**part number STP-10M**).

Technical Characteristics

- › **Input power-supply** : from 8 to 35VDC
- › **Consumption** : without backlight /23mA ; with backlight /87mA
- › **Battery capacity** : from 1 to 2000Ah
- › **Measurements** :
 - Battery voltage : from 0 to 35VDC
 - Current : from -300A to 300A
 - Temperature : from 0 to +70°C
- › **Display resolution** :
 - Battery voltage : 0,02V
 - Current : 0,1A
 - Temperature : 0,5°C
- › **Precision** : ±0,5%
- › **Display** : White positive graphic LCD screen 128x64 pixels
White LED Backlight
- › **Alarms** : Buzzer, flashing backlight
- › **Dimensions** : 120mm x 120mm including screen 62 x 44mm
- › **Embedded Body** : h 95mm x l 100mm x d 35mm
- › **Temperature** : Operating : from 0 to +50°C
Storage : from -10 to +70°C
- › **Made in France**

› 2 year
guarantee

