



## Digital battery monitor JBNUMII - CPS3

### Presentation

The new JBNUMII-CPS3 battery monitor has an exclusive large size LCD graphic.

Its standard version includes a 250A shunt to monitor voltage\*, current and remaining capacity of a battery bank (e.g. : service) as well as voltage of two other banks (e.g. : engine and bow-thruster).

With extra shunt the system can monitor 3 battery banks\*\* (voltage, current, capacity) and voltage of 2 extra battery banks.

The battery monitor has a low capacity alarm and an electrical contact which allows genset remote.

\*12V, 24V or 48V, or even mixed if minus is common.

\*\*or energy source flow such as a wind generator or solar-panels – voltage & current.



### The following parameters can be set :

- › Number of battery bank (or sources) to monitor
- › Capacity of each battery bank (Ah)
- › Low capacity alarm value
- › Acoustic alarm (buzzer) ON/OFF
- › Language (French or English)
- › Backlight duration

### Provided accessories (standard version)

- › The battery monitor.
- › One kit shunt including one 250A/100mV shunt and one 10m RJ11 cable to monitor entirely one battery bank.
- › 2 cables of 10m to monitor voltage of 2 battery banks.

### Part number : JBNUMII - CPS3

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

### Options

- › Kit shunt including a shunt and a 10m RJ11 cable to monitor one additional battery bank or the flow of an energy source. The system can monitor up to 3 battery banks or 3 energy sources or 3 mixed elements – 1 kit shunt per element (ref. **KITSHUNT-250A** ; **KITSHUNT-500A**).

### Technical Characteristics

- › **Input power-supply** : from 8,5 to 60VDC
- › **Consumption** : without backlight /23mA ; with backlight /87mA
- › **Battery or DC source capacity** : from 1 to 2000Ah
- › **Measurements** :
  - Battery or energy source voltage : from 0 to 60VDC
  - Current : from -250A to 250A
- › **Display resolution** :
  - Battery or energy source voltage : 0,02VDC
  - Current : 0,1A
- › **Precision** :  $\pm 0,5\%$
- › **Display** : White positive graphic LCD screen 128x64 pixels (62x44mm). White LED Backlight
- › **Remote of the genset** : by a NO/NC potential free contact
- › **Alarms** : Buzzer, flashing backlight
- › **Dimensions** : 120mm x 120mm
- › **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

