



SUL IN FRAME

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⁽¹⁾, current and remaining capacity of a battery bank⁽²⁾ (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 $banks^{(3)}$ (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.



- THE FOLLOWING PARAMETERS CAN BE SET :
 - Number of battery bank (or DC sources) to monitor
 - Capacity of each battery bank (Ah)
 - Alarm values (low capacity, low voltage and high voltage)
 - Acoustic alarm (buzzer) and electrical contact $\ensuremath{\mathsf{ON/OFF}}$
 - 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⁽³⁾.

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- 2 cables of 10m to monitor voltage of 2 battery banks.

(1) 12V, 24V or 48V, or even mixed if minus is common.

single battery or several batteries mounted into parallel, into series or into series-parallel.
or DC energy source flow such as a wind generator or solar-panels – voltage & current.

Part number : JBNUMII - CPS3

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

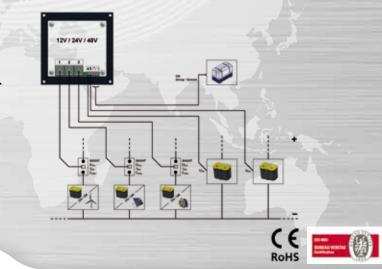


OPTIONS

• Kit shunt including a shunt and a 10m RJ11 cable to monitor one additional battery bank⁽³⁾. The system can monitor up to 3 battery banks or 3 energy sources or 3 mixed elements - 1 kit shunt per element (ref. KITSHUNT-25DA ; KITSHUNT-50DA).

TECHNICAL CHARACTERISTICS

- INPUT POWER-SUPPLY : from 8,5 to 60VDC
- CONSUMPTION : without backlight /30mA ; with backlight /65mA
- BATTERY OR DC SOURCE CAPACITY : from 5 to 4000Ah
- MEASUREMENTS :
 - Battery or energy source voltage : from 0 to 60VDC
 - Current : from -500A to 500A
- DISPLAY RESOLUTION :
 - Battery or energy source voltage :
 - 0,1VDC ; precision : +-0,5%
 - Current : 0,1A ; precision +-1%
- DISPLAY :
 - White positive graphic LCD screen 128 x 64 pixels (62 x 44mm).
 - White LED Backlight
- REMOTE OF THE GENSET : by a NO/NC potential free contact
- ALARMS : Buzzer, flashing backlight, relay
- 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



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