

nexTER
ELECTRONICS

EQUIPMENT

BATcube

BATTERIE'S MONITORING



CREATING NEW REFERENCES IN DEFENSE

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BATCube | MAIN CHARACTERISTICS

Mission

BAT Cube is the solution you need to follow up the health and charge state of your batteries network.

The BAT Cube is a lead acid or gel battery monitoring kit. It is used for packs of 12V batteries in series, and can take up to four packs in parallel.

It's main functions are:

- To monitor the state of charge of the batteries
- To display the discharge time (Time remaining in actual conditions) of the battery pack
- To estimate the state of health of the batteries
- To signal faulty batteries
- The BATCube Kit transmits this information, either on an MMI (LEDs or screen), or on a J1939 CAN communication bus

batcube provides the following data regarding each battery or global network:

- Voltage
- Current consumed by each pack of batteries
- Temperature at each monitored battery terminals
- State of charge and health of each battery or batteries pack
- The residual autonomy time of the monitored network
- The deficient batteries
- Battery charging in progress

Features

Weight: < 1.8Kg

Size: IHM: 75x80x30mm/BATCube: 130x100x60mm

Battery voltage: 9V, 12V, 24V

System starting: Autonomous

Consumption: ≤ 200mA

Control link: RS232, CAN, Discrets, Ethernet

Maintenance: Interchangeable without any special tools or tuning

Operating temperature: -40°C to +70°C

Storage temperature: -55°C to +85°C

Operating altitude: Until 3000m

Documents and standard

Mechanical/Electrical: GAM EG13

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