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## **BMS Battery Monitoring SYSTEM**

*for motive power and standby applications*



### **Description**

The BMS is another quality product from Abertax Technologies. It gives essential battery information i.e. full voltage, half voltage, temperature and electrolyte level.

It stores the number of charge/discharge cycles, temperature, electrolyte low level duration and deep discharge duration.

The sensor has 3 LEDs, which indicate the following:

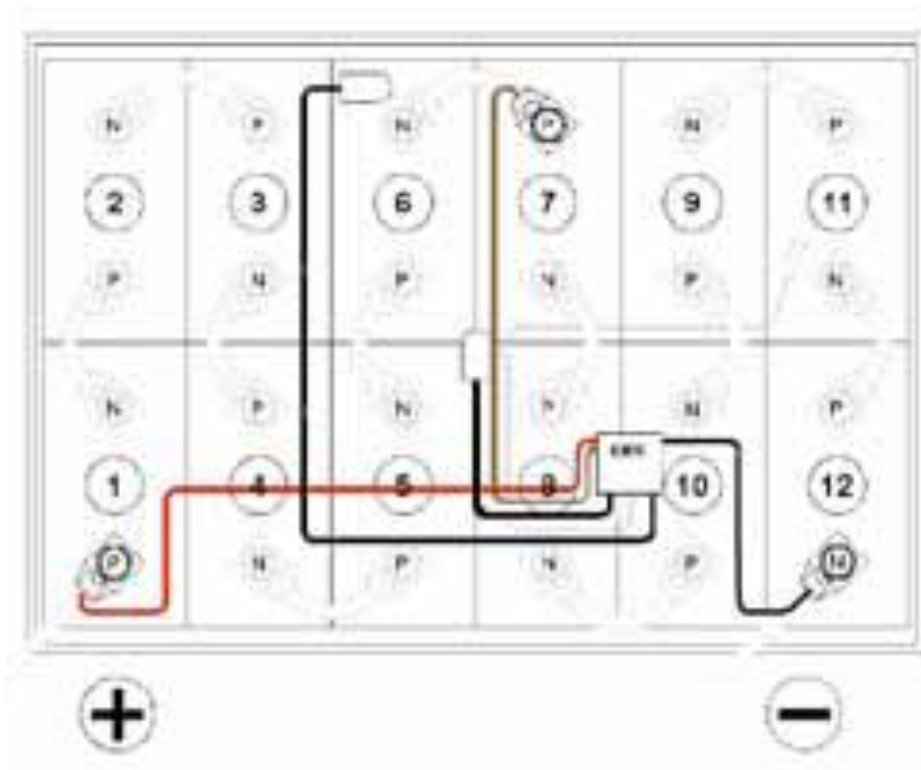
- Flashing green: when powered and no warnings
- Flashing red: electrolyte level below specified minimum for flooded batteries and low voltage for maintenance free batteries
- Flashing yellow: battery temperature above 50°C



## Product and Safety Features

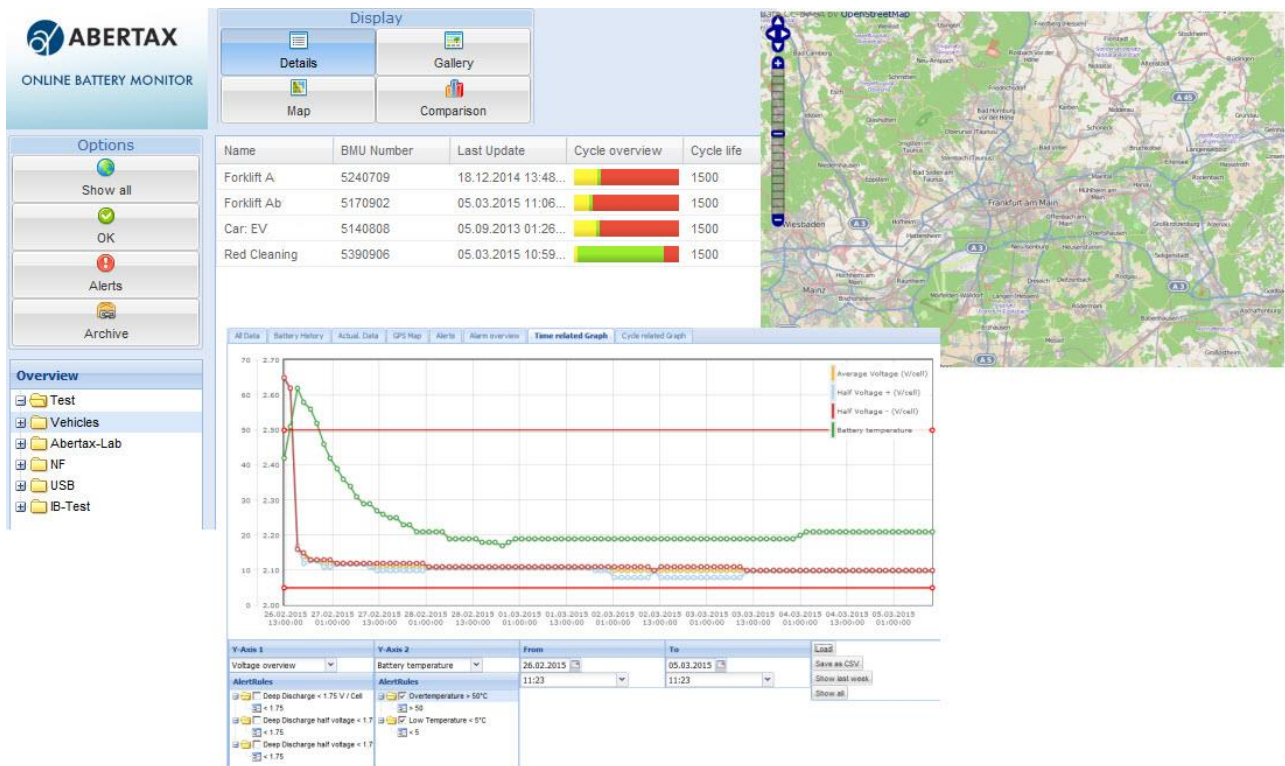
- Easiest sensor to install in shortest time by personnel familiar with servicing and/or use of batteries
- Patented connector that ensures a perfect battery seal
- Not affected by current due to parasitic resistance
- Not affected by wrong polarity connection
- Acid resistant
- Level probe with Gauge Guard (for flooded batteries)
- Protected against electro-magnetic interference
- Not affected by inductive currents

## Installation



## Software

Stored data can be downloaded for evaluation. The available software will display: on time, discharge time, number of charge and discharge events, low acid level time, over temperature time, battery/ambient temperature and full/half battery voltage. Data can be downloaded via cable or wireless (Bluetooth).



## Mechanical Construction

Abertax sensors have an acid resistant housing. It features an additional cable for communication with the computer. For flooded batteries probe and Gauge Guard have to be ordered to length. The Abertax drill should be used for drilling the Gauge Guard hole.

## Technical Specifications

Supply voltage  
Current consumption  
Operational temperature range  
Serial Interface  
Temperature set point  
Weight

8V – 130V  
<33mA  
-25...+80°C  
9.6k Band, 3.3V level  
50)C  
185gr



**VANDAPOWER**




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**Available Models**

Example:

BMS-G127-M04-24

**Battery Management Unit/ Battery Monitoring Sensor:** \_\_\_\_\_

BMS Battery Monitoring Sensor

**Probe:** \_\_\_\_\_

G Probe with Gauge Guard

**Probe Length:** \_\_\_\_\_

77 Short probe 77 mm

127 Long probe 127 mm

**Connection:** \_\_\_\_\_

M04 Terminal connector

WLW WLW connector

S Standard connector

**Voltage:** \_\_\_\_\_

24 24V

36 36V

48 48V

72 72V

80 80V

96 96V