

## e<sup>2</sup>BMS Battery Monitoring SYSTEM



### Description

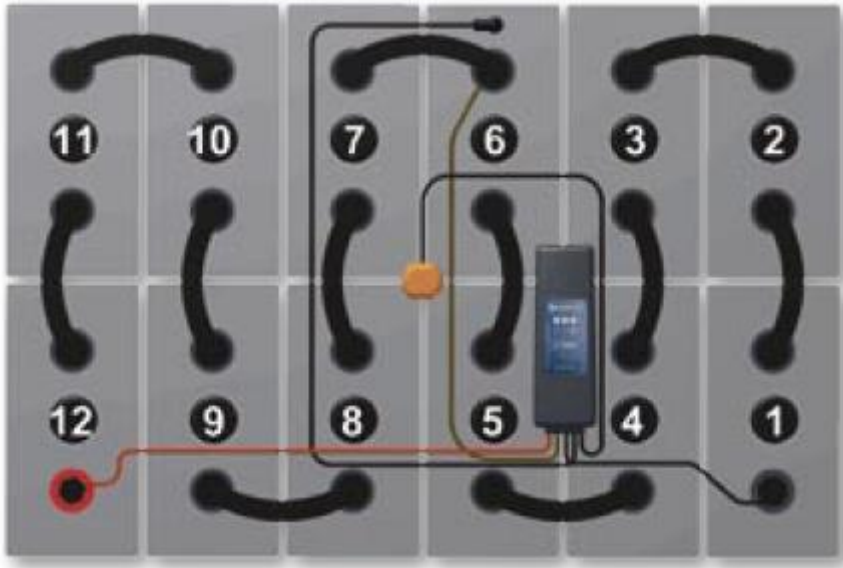
e<sup>2</sup>BMS is a state-of-the-art wireless technology for operation cost-cutting and providing a quality service. Opens new opportunities in material handling applications, saving up to 20% in costs.

### Product and Safety Features

Easy to install in shortest time by personnel familiar with servicing and/or use of batteries

- Does not require personnel in the field to retrieve data (Online version)
- Wide operational voltage range
- Current measurement (Option)
- Two voltage inputs, string and half voltage
- Two temperature measurements
- Electrolyte level sensing
- Uploading of logged data to server via GPRS/3G (Online version)
- RF communication on site with other nearby modules & sensors
  
- Accessed using Internet Browser (Internet Explorer, Safari, Chrome, Firefox) on any internet enable device (PC, Laptop, Smartphone, Tablet) (Online version)
- No software installation required
- Different access levels (RF-USB, RF-WIFI, RF-LAN, RF-CAN)
- Display location of e<sup>2</sup> (Online version)

## Installation



## OBM Web Portal – Online Monitoring of Data

- Gallery display shows immediate indication of the status of each battery in the fleet. Systems that are marked red show that an alarm has occurred.
- Data samples such as voltage, low acid level, temperature, etc., are displayed in form of a table. Data can be exported and opened by a spreadsheet program.
- Variable sampling rate as defined by user.
- Graphs of any two of the logged data, e.g. temperature and voltage (including + and – half voltage)
- Graphs related to cycles
- Battery history



- Display live Alarms of any battery parameter/condition e.g. low electrolyte level, high temperature, depth of discharge, etc.-  
Rectification of any problems before damage is done to the battery.
- Alarm notification via email.
- Online report generation.

