

Battery Management System

-BMS

The basic concept of the project, is to assure a real time monitoring system, for the state of charge of a battery based on the provided current flux.

To start we need to know that there are two types of batteries (Lithium/plumb):

Lithium batteries : they provide a stable voltage no matters the state of charge, the only parameter that changes is the current flux that decreases when the battery runs low. But there is an important danger of the breaking down of the battery if the voltage goes below a certain value.

Plumb: their voltage value changes according to the state of battery charge,

Revision #5

Created 5 December 2024 13:06:37 by Sellah Melissa

Updated 12 February 2025 14:53:36 by Chelagha Yanis