

---

## The Design of Power Battery Management System Based on Distributing CAN Bus

Zeng ChunNian Chen Yu Qiao Guoyan  
School of Automation, Wuhan University of Technology  
Wuhan 430070, Hubei, China  
Email: mars880716@163.com Tel: 013657299841

### ABSTRACT

Power Battery Management System based on distributing CAN Bus is presented in this paper, which also expatiates the function and structure of the system and each of its form cell and discusses the system's work principle and some practical questions. This system is a new battery management system with practicality, which has many good characteristics, such as a logic design, advanced methods, legible structure, high reliability, easy servicing and etc.

**Keywords:** distributing, battery management,  $\mu$ C/OS-II, CAN Bus