Accepted Manuscript

Improved capacity estimation technique for the battery management systems of electric vehicles using the fixed-point iteration method

Woosuk Sung, Jaewook Lee

 PII:
 S0098-1354(18)30264-3

 DOI:
 10.1016/j.compchemeng.2018.06.023

 Reference:
 CACE 6149

To appear in:

Computers and Chemical Engineering

Received date:3 April 2018Revised date:25 May 2018Accepted date:29 June 2018

<page-header><text><text><text><text><text><text><text><text>

Please cite this article as: Woosuk Sung, Jaewook Lee, Improved capacity estimation technique for the battery management systems of electric vehicles using the fixed-point iteration method, *Computers and Chemical Engineering* (2018), doi: 10.1016/j.compchemeng.2018.06.023

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

Highlights

- An improved scheme to estimate lithium-ion battery capacity is devised
- The scheme can function correctly regardless of battery replacements
- The scheme adopts the fixed-point iteration method into parameter estimation.

• The scheme can satisfy the estimation requirement (within 3%) regardless of battery replacements. Download English Version:

https://daneshyari.com/en/article/6594682

Download Persian Version:

https://daneshyari.com/article/6594682

Daneshyari.com