

P1725

Submitter Email: jason.howard@motorola.com
Type of Project: Revision to IEEE Standard 1725-2006
PAR Request Date: 09-Oct-2009
PAR Approval Date: 09-Dec-2009
PAR Expiration Date: 13-Dec-2013
Status: PAR for a Revision to an existing IEEE Standard 1725-2006
Project Record: 1725

1.1 Project Number: P1725
1.2 Type of Document: Standard
1.3 Life Cycle: Full Use

2.1 Title: Standard for Rechargeable Batteries for Cellular Telephones

Old Title: IEEE Standard for Rechargeable Batteries for Cellular Telephones

3.1 Working Group: Cell Phone Battery Working Group (PE/SB/WG_1725)

Contact Information for Working Group Chair

Name: Jason Howard
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Contact Information for Working Group Vice-Chair

None

3.2 Sponsoring Society and Committee: IEEE Power & Energy Society/Stationary Batteries Committee (PE/SB)

Contact Information for Sponsor Chair

Name: Jeffrey LaMarca
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Contact Information for Standards Representative

Name: James Mcdowall
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4.1 Type of Ballot: Entity

4.2 Expected Date of submission of draft to the IEEE-SA for Initial Sponsor Ballot: 02/2011

4.3 Projected Completion Date for Submittal to RevCom: 06/2011

5.1 Approximate number of entities expected to be actively involved in the development of this project: 20

5.2 Scope: This standard establishes criteria for design analysis for qualification, quality, and reliability of rechargeable lithium ion and lithium ion polymer batteries for cellular telephone applications. Also included in the standard are: battery pack electrical and mechanical construction, packaging technologies, and pack and cell level charge and discharge controls and overall system considerations.

5.3 Is the completion of this standard dependent upon the completion of another standard: No

5.4 Purpose: The purpose of this standard is to ensure reliable user experience and operation of cell phone batteries. The battery and cellular telephone industries need standardized criteria for design and qualification of rechargeable battery systems and for verifying the quality and reliability of those batteries.

5.5 Need for the Project: The original 1725 standard was released in 2006. The standard needs to be reviewed and revised as appropriate to ensure that it is up to date with the latest developments in technology and industry knowledge.

5.6 Stakeholders for the Standard: Manufacturers of batteries, cellular phones, and accessories. Cellular service providers. Testing labs.

Intellectual Property

6.1.a. Is the Sponsor aware of any copyright permissions needed for this project?: No

6.1.b. Is the Sponsor aware of possible registration activity related to this project?: No

7.1 Are there other standards or projects with a similar scope?: No

7.2 International Activities

a. Adoption

Is there potential for this standard (in part or in whole) to be adopted by another national, regional or international organization?: Do Not Know

Organization:

Technical Committee Name:

Technical Committee Number:

Contact Name:

Phone:

Email:

b. Joint Development

Is it the intent to develop this document jointly with another organization?: No

c. Harmonization

Are you aware of another organization that may be interested in portions of this document in their standardization development efforts?: No

8.1 Additional Explanatory Notes (Item Number and Explanation):