TECHNICAL SPECIFICATION

IEC TS 62393

First edition
2005-05

Portable and hand-held multimedia equipment – Mobile computers – Battery run-time measurement

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Международная Электротехническая Комиссия

PRICE CODE G

For price, see current catalogue

INTERNATIONAL ELECTROTECHNICAL COMMISSION

PORTABLE AND HAND-HELD MULTIMEDIA EQUIPMENT – MOBILE COMPUTERS – BATTERY RUN-TIME MEASUREMENT

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IEC 62393, which is a technical specification, has been prepared by IEC technical committee 100: Audio, video and multimedia systems and equipment.

The text of this technical specification is based on the following documents:

Enquiry draft	Report on voting
100/848/DTS	100/936/RVC

Full information on the voting for the approval of this technical specification can be found in the report on voting indicated in the above table.

This publication has been drafted in accordance with the ISO/IEC Directives, Part 2.

The committee has decided that the contents of this publication will remain unchanged until the maintenance result date indicated on the IEC web site under "http://webstore.iec.ch" in the data related to the specific publication. At this date, the publication will be

- transformed into an International standard,
- reconfirmed;
- withdrawn;
- replaced by a revised edition, or
- amended.

A bilingual version of this document may be issued at a later date.

INTRODUCTION

Adequate indication of the remaining battery level is crucial for mobile equipment, as its malfunction may lead to loss of user data. The wireless communication function of the mobile equipment causes the power dissipation to be larger and more irregular. A reliable indication of the remaining battery level is, therefore, strongly needed.

PORTABLE AND HAND-HELD MULTIMEDIA EQUIPMENT – MOBILE COMPUTERS – BATTERY RUN-TIME MEASUREMENT

1 Scope

This Technical Specification defines the operation-mode mix of portable and hand-held multimedia equipment which can be driven by battery, especially mobile personal computers, in order to clarify the issues to be standardized on the battery run time.