INTERNATIONAL STANDARD

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AMENDMENT 1
1996-02

Amendment 1

Lead-acid starter batteries –

Part 4: Dimensions of batteries for heavy trucks

*This **English-language** version is derived from the original **bilingual** publication by leaving out all French-language pages. Missing page numbers correspond to the French-language pages.*

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FOREWORD

This amendment has been prepared by IEC technical committee 21: Secondary cells and batteries.

The text of this amendment is based on the following documents:

FDIS	Report on voting
21/384/FDIS	21/397/RVD

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

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CONTENTS

Add the title of the new annex:

Annex A – Preferred types used in North America and the East Asia region – Dimensions of batteries and terminal configuration

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PREFACE

Add the following text:

Annex A forms an integral part of this standard.

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1 Scope

Subclause 1.1

Add the following text:

Annex A describes two series of lead-acid starter batteries for heavy trucks, widely and predominantly being used in North America and the East Asia region.

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Add the following new annex:

Annex A
(normative)

Preferred types used in North America and the East Asia region – Dimensions of batteries and terminal configuration

A.1 Introduction

This annex applies to two series of lead-acid starter batteries for heavy trucks, widely and predominantly being used in North America and the East Asia region.

In the text which follows, the series will be designated "AM" and "AS".

A.2 Starter batteries of the series AM and AS

A.2.1 *General characteristics*

The AM series comprises four types. The AS series comprises three types.

All of these are intended for fastening to the vehicles by means of a hold-down device engaging with the upper part of the battery (for example a metal frame), connected to the support platform.

A.2.2 *Terminal configuration*

The types of the AM series have different terminal configurations (see figures A.1 to A.4).

All types of the AS series have inverted terminal configuration (ITC) (see figure A.5).

A.2.3 *Main dimensions of the batteries*

The main dimensions are represented by symbols, as indicated in figures A.1 to A.5. The dimensions according to the symbols shall be in accordance with table A.1 and table A.2.

Table A.1 – AM series

Dimensions in millimetres

Type	Length	Width	Height	
	l	*b*	*h*1	*h*
4	$333^{\ 0}_{-4}$	$181^{\ 0}_{-4}$	$220^{\ 0}_{-4}$	$238^{\ 0}_{-4}$
4D	$527^{\ 0}_{-4}$	$222^{\ 0}_{-4}$	$230^{\ 0}_{-4}$	$250^{\ 0}_{-4}$
8D	$527^{\ 0}_{-4}$	$283^{\ 0}_{-4}$	$230^{\ 0}_{-4}$	$250^{\ 0}_{-4}$
31	$330^{\ 0}_{-4}$	$173^{\ 0}_{-4}$	$219^{\ 0}_{-4}$	$239^{\ 0}_{-4}$

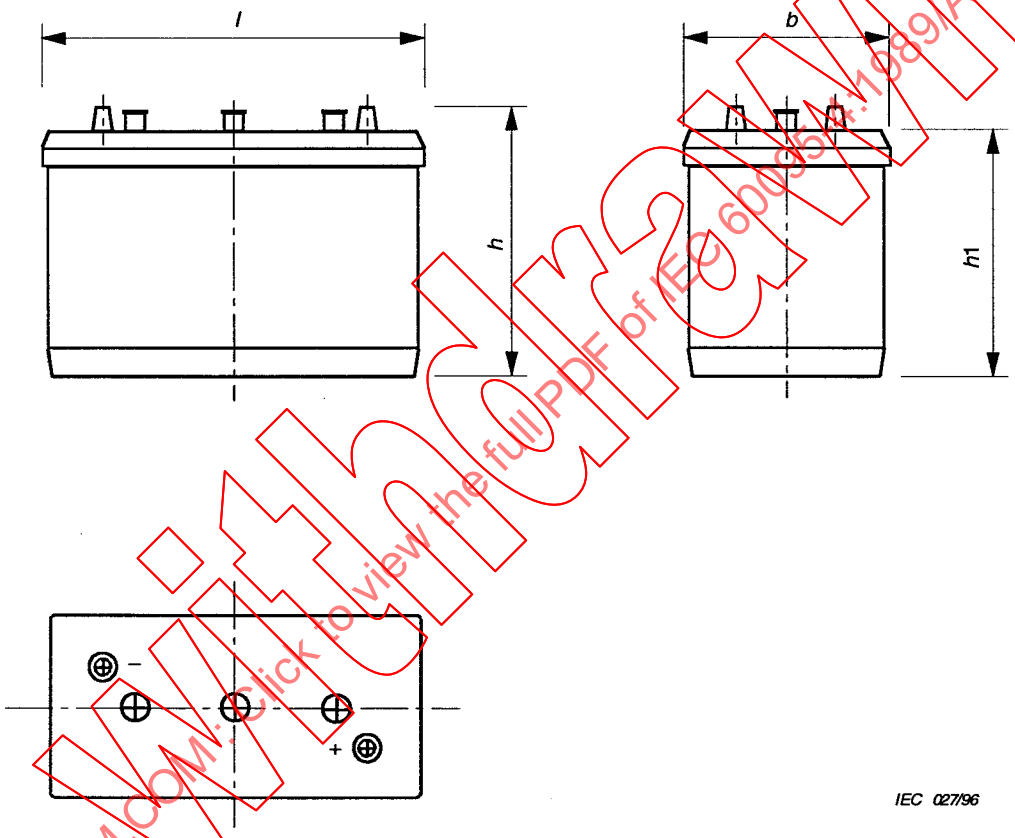

Figure A.1 – Type 4

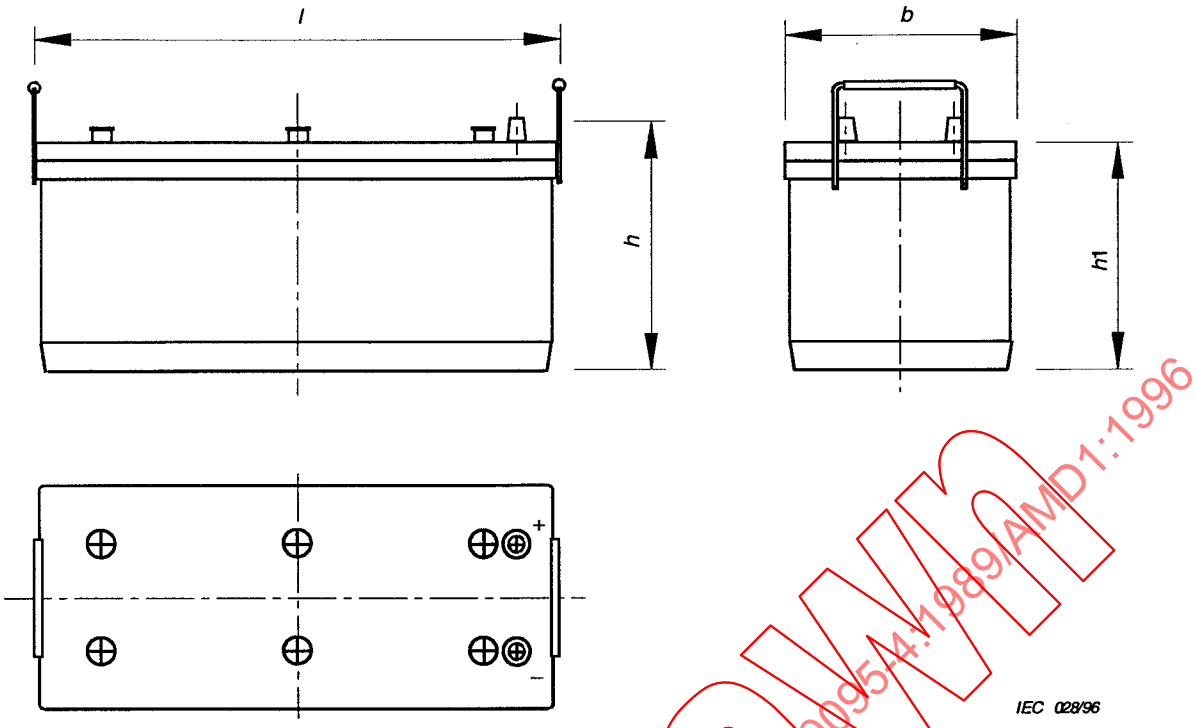

Figure A.2 – Type 4D

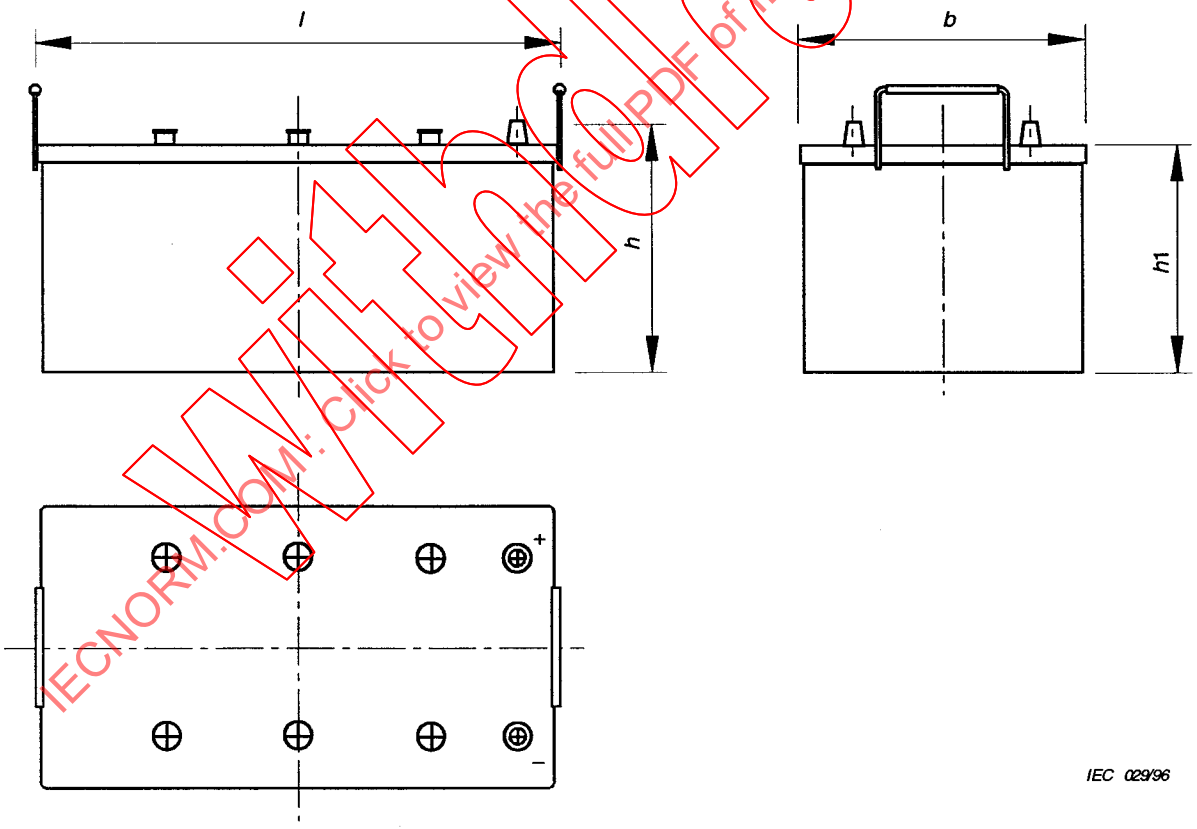

Figure A.3 – Type 8D

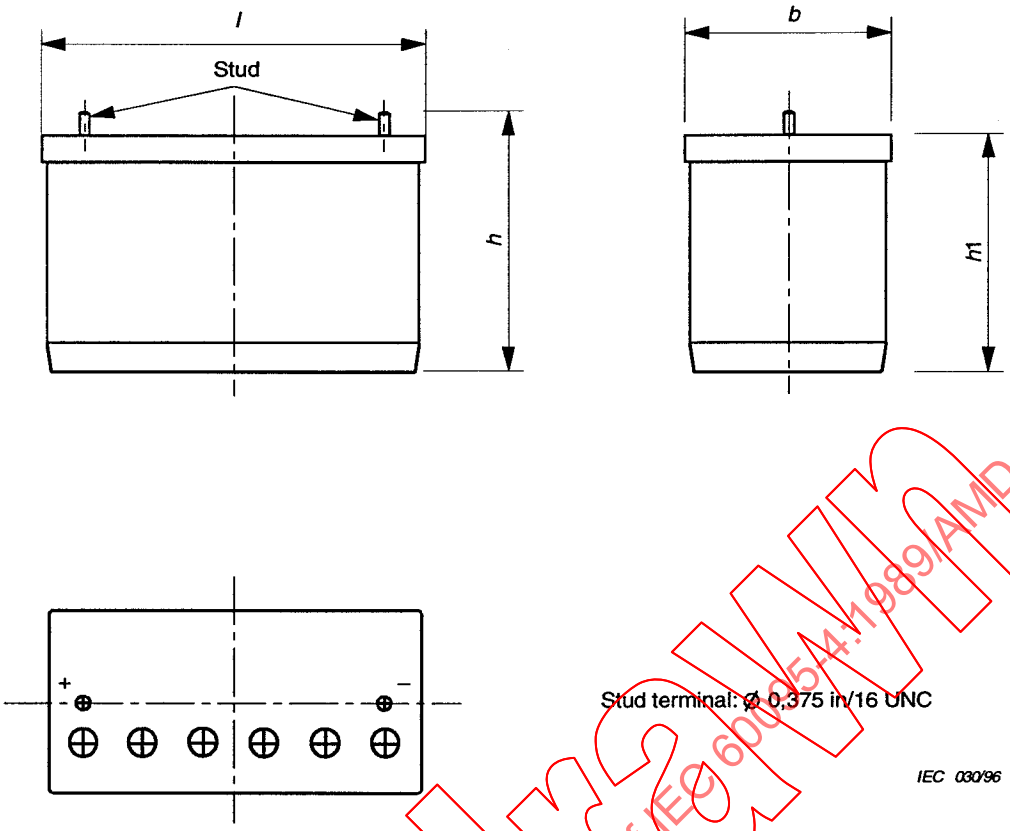

Figure A.4 – Type 31