

Indian Standard

LEAD-ACID TRACTION BATTERIES

PART 2 DIMENSIONS OF CELLS AND TERMINALS AND MARKING OF POLARITY ON CELLS

(Second Revision)

1 Scope and object

This part of IEC 60254 is applicable to lead-acid traction batteries used as power sources for electric propulsion.

The object of the present standard is to specify:

- the maximum external (overall) dimensions of traction battery cells, that is, the width, the height and the length;
- the form of the marking of traction battery cell polarity and dimensions of corresponding symbols;
- the basic dimensions of some commonly used traction battery terminals designed to connect output cables to the battery;
- the dimensions of cells commonly used in Asia and North America.

2 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

IEC 60417, *Graphical symbols for use on equipment*