

BUREAU OF INDIAN STANDARDS
DRAFT FOR COMMENTS ONLY

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Draft Indian Standard

Uninterruptible power systems (UPS) –Part 4: Environmental aspects – Requirements and reporting

(ICS 13.020.99; 29.200)

Power Electronics Sectional
Committee, ETD 31

Last date for comments-06/09/2024

NATIONAL FOREWORD

This Draft Indian Standard which is identical with IEC 62040-4:2013 ‘Uninterruptible power systems (UPS) –Part 4: Environmental aspects – Requirements and reporting’ Issued By The International Electrotechnical Commission (IEC) is proposed to be adopted by the Bureau of Indian Standards on the recommendation of the Power Electronics Sectional Committee and approval of the Electrotechnical Division Council.

The text of the IEC Standard has been approved as suitable for publication as an Indian Standard without deviations. Certain conventions are, however, not identical to those used in Indian Standards. Attention is particularly drawn to the following:

- a) Wherever the words ‘International Standard’ appears referring to this standard, they should be read as ‘Indian Standard’.
- b) Comma (,) has been used as a decimal marker, while in Indian Standards the current practice is to use a point (.) as the decimal marker.

In this adopted standard, reference appears to International Standards for which Indian Standards also exists. The corresponding Indian Standards, which are to be substituted, are listed below along with their degree of equivalence for the editions indicated:

<i>International Standard</i>	<i>Corresponding Indian Standard</i>	<i>Degree of Equivalence</i>
IEC 62040-3:2011, Uninterruptible power systems (UPS) – Part 3: Method of specifying the performance and test requirements	IS 16242 (Part 3) : 2014/ IEC 62040-3 : 2011 Uninterruptible power systems (UPS): Part 3 method of specifying the performance and test requirements	Identical
IEC 62474:2012, Material Declaration for Products of and for the Electrotechnical Industry	IS 18051 : 2022/ IEC 62474:2020 (Ed 2.1) Material declaration for products of and for the electrotechnical industry	Identical

Only English language text has been retained while adopting it in this Indian Standard, and as such the page numbers given here are not the same as in the International Standard.

For the purpose of deciding whether a particular requirement of this standard is complied with, the final value, observed or calculated expressing the result of a test, shall be rounded off in accordance with IS 2: 2022 'Rules for rounding off numerical values (*second revision*)'. The number of significant places retained in the rounded off value should be the same as that of the specified value in this standard.

NOTE — The technical content of their document has not been enclosed as there are identical with the corresponding IEC standards for details, please refer the corresponding IEC 62040-4:2013 or kindly contact:

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