



MALAYSIAN STANDARD

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ELECTRICITY GENERATING SETS - PORTABLE (UP TO 5kW)

ICS: 29.160.40

Descriptors: electricity, generating, sets, portable

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DEPARTMENT OF STANDARDS MALAYSIA

This Malaysian Standard, which had been approved by the Electrotechnical Engineering Industry Standards Committee and endorsed by the Board of the Standards and Industrial Research Institute of Malaysia (SIRIM) was published under the authority of the SIRIM Board in August, 1996.

SIRIM wishes to draw attention to the fact that this Malaysian Standard does not purport to include all the necessary provisions of a contract.

The Malaysian Standards are subject to periodical review to keep abreast with progress in the industries concerned. Suggestions for improvements will be recorded and in due course brought to the notice of the Committees charged with the revision of the standards to which they refer.

The following references relate to the work on this standard:

Committee reference: SIRIM 492/2/3

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Committee representation

The Electrotechnical Industry Standards Committee under whose supervision this Malaysian Standard was prepared, comprises representatives from the following Government Ministries, trade, commerce and manufacturer associations and scientific and professional bodies:

Institution of Engineers Malaysia (IEM)
 Jabatan Bekalan Elektrik (JBE)
 Jabatan Kerja Raya (JKR)
 Jabatan Telekom Malaysia (JTM)
 Lembaga Kemajuan Perindustrian Malaysia (MIDA)
 Ministry of Domestic Trade and Consumer Affairs
 Malaysia Electrical Appliances and Distributors Associations (MEADA)
 Tenaga Nasional Berhad (TNB)
 The Electrical Appliances and Distributors Associations (TEEAM)
 Universiti Teknologi Malaysia (UTM)

The technical committee on Vocabulary of Electrical and Electronic Engineering Terms which prepared this Malaysian Standard consists of the following representatives:

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Encik Satkurunathan/ Encik Zulkeply Abd. Wahid	Tenaga Nasional Berhad
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Puan Rosnah Mohd Yusof (Secretary)	Standards and Industrial Research Institute of Malaysia

Co-opted Member :

Encik K.C. Wong	UMW Industrial Power Sdn. Bhd.
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FOREWORD

This Malaysian Standard was prepared by the Technical Committee on Generation, Conversion, Transformation and Storage of Electrical Energy under the authority of the Electrotechnical Industry Standards Committee.

This Malaysian Standard was prepared based on the corresponding Australian Standard, AS 2790 : 1989. Minor changes has been made to suit the local condition. In this Malaysian Standard, the format of Australian Standard has been closely followed.

This Malaysian standard was concern for electrical and other safety hazards involved in the design and use of generating sets, in particular, the smaller generating sets used by the general public who may not be well informed on electrical safety and equipment maintenance practices.

As well as specifying safety and performance of generating sets, this standard gives advice on the selection of sets for particular purposes. This standard details information to be provided with an enquiry or order (See Appendix D) and also makes recommendations on the safe use and proper treatment of sets (See Appendix E).