



MALAYSIAN STANDARD

MS 1837:2018

Installation of grid-connected photovoltaic (PV) system (Second revision)

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Committee representation

The Industry Standards Committee on Generation, Transmission and Distribution of Energy (ISC E) under whose authority this Malaysian Standard was developed, comprises representatives from the following organisations:

Association of Consulting Engineers Malaysia
Department of Standards Malaysia
Federation of Malaysian Manufacturers
Jabatan Kerja Raya Malaysia
Malaysia Nuclear Power Corporation
Malaysian Association of Standards Users
Malaysian Cable Manufacturers Association
Malaysian Electrical Appliances and Distributors Association
Malaysian Green Technology Corporation
Persatuan Kontraktor Elektrikal dan Mekanikal Melayu Malaysia
Sabah Electricity Sdn Bhd
Sarawak Energy Berhad
SIRIM Berhad (Secretariat)
SIRIM QAS International Sdn Bhd
Suruhanjaya Komunikasi dan Multimedia Malaysia
Suruhanjaya Tenaga
Sustainable Energy Development Authority Malaysia
Tenaga Nasional Berhad
The Electrical and Electronics Association of Malaysia
The Institution of Engineers, Malaysia
Universiti Malaya

The Technical Committee on Renewable Energies which supervised the development of this Malaysian Standard consists of representatives from the following organisations:

Association of Consulting Engineers Malaysia
Bank Pembangunan Malaysia Berhad
Department of Environment
Felda Palm Industries Sdn Bhd
Forest Research Institute Malaysia
Independent
Jabatan Pengurusan Sisa Pepejal Negara
Malaysian Association of Standards Users
Malaysian Photovoltaic Industry Association
Sabah Electricity Sdn Bhd
Sarawak Energy Berhad
Sime Darby Plantation Sdn Bhd
SIRIM Berhad (Industrial Centre of Innovation - Energy management)
SIRIM Berhad (Secretariat)
Suruhanjaya Tenaga
Sustainable Energy Development Authority Malaysia
Tenaga Nasional Berhad
The Institution of Engineers, Malaysia
TNB Research Sdn Bhd
Universiti Teknologi MARA
Universiti Tenaga Nasional

Committee representation *(continued)*

The Working Group on Solar Photovoltaic Systems which developed this Malaysian Standard consists of representatives from the following organisations:

Jabatan Kerja Raya Malaysia
Malaysian Photovoltaic Industry Association
Malaysian Solar Resources
Manipal University
Sabah Electricity Sdn Bhd
Sarawak Energy Berhad
SIRIM Berhad (Industrial Centre of Innovation - Energy management)
SIRIM Berhad (Secretariat)
Suruhanjaya Tenaga
Sustainable Energy Development Authority Malaysia
The Electrical and Electronics Association of Malaysia
TNB Energy Services Sdn Bhd
TNB Research Sdn Bhd
Universiti Malaya
Universiti Teknologi Malaysia
Universiti Teknologi MARA
Universiti Tenaga Nasional
Universiti Tunku Abdul Rahman

Foreword

This Malaysian Standard was developed by the Working Group on Solar Photovoltaic Systems under the authority of the Industry Standards Committee on Generation, Transmission and Distribution of Energy.

Major modifications in this revision are as follows:

- a) incorporation of new requirement on “Scope” in Clause 1;
- b) incorporation of new clauses on “Normative references” in Clause 2;
- c) incorporation of new clauses on “Terms and definitions” in Clause 3;
- d) incorporation of new clauses on “Abbreviations” in Clause 4;
- e) incorporation of new figures on “General requirements” in Clause 5;
- f) incorporation of new requirement on “Protection requirements” in Clause 6;
- g) incorporation of new requirement on “Wiring requirements” in Clause 7;
- h) incorporation of new requirement on “Component requirements” in Clause 8;
- i) incorporation of new requirement on “Component requirements” in Clause 9;
- j) incorporation of new requirement on “Marking requirements” in Clause 10;
- k) incorporation of new requirement on “Commissioning” in Clause 12; and
- l) incorporation of new figures in “Annex B”.

This Malaysian Standard cancels and replaces MS 1837:2010, *Installation of grid-connected photovoltaic (PV) system (First revision)*.

Compliance with a Malaysian Standard does not of itself confer immunity from legal obligations.