SRI LANKA STANDARD 1546 : 2016

IEC 61683 : 1999

UDC 621.311

SPECIFICATION FOR

PHOTOVOLTAIC SYSTEMS POWER CONDITIONERS - PROCEDURE FOR MEASURING EFFICIENCY

SRI LANKA STANDARDS INSTITUTION

Sri Lanka Standard Specification for
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SLS 1546 : 2016
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SRI LANKA STANDARDS INSTITUTION
17, Victoria Place
Elvitigala Mawatha
Colombo 8
Sri Lanka

Sri Lanka Standard Specification for PHOTOVOLTAIC SYSTEMS POWER CONDITIONERS - PROCEDURE FOR MEASURING EFFICIENCY

NATIONAL FOREWORD

This standard was approved by the Sectoral Committee on Electronic Engineering and was authorized for adoption and publication as a Sri Lanka Standard by the Council of Sri Lanka Standards Institution on 2016-11-24.

SLS 1546 Sri Lanka Standard Specification for Photovoltaic systems power conditioners - procedure for measuring efficiency. This part of standard is identical with IEC 61683: 1999 Edition 1.0 Photovoltaic systems power conditioners - procedure for measuring efficiency**,** published by the International Electrotechnical Commission (IEC).

All values given in this standard is in SI units.

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 or an analysis shall be rounded off in accordance with SLS 102, in case if the method of rounding off is not specified in the text of this standard. The number of figures to be retained in the rounded off value, shall be the same as that of the specified value in this standard.

Terminology and conventions

The text of the International Standard has been accepted as suitable for publication, without any deviation as a Sri Lanka Standard. However, certain terminology and conventions are not identical with those used in Sri Lanka Standards; attention is therefore drawn to the following:

a) Wherever the words “International Standard” appear referring to this standard they should be interpreted as “Sri Lanka Standard”.

b) Wherever the page numbers are quoted they are the page numbers of IEC standard.

c) The comma has been used as a decimal marker. In Sri Lanka Standards it is the current practices to use a full point on the base line as a decimal marker.

d) Attention is drawn to the possibility that some of the elements of the Sri Lanka Standard may be the subject of patent rights. SLSI shall not be held responsible for identifying any or all such patent rights.

CROSS REFERENCES

Any corresponding Sri Lanka Standard, for the international standards listed under reference, is not available**.**

SLS 1546:2016

INTERNATIONAL STANDARD

IEC 61683

First edition
1999-11

Photovoltaic systems – Power conditioners – Procedure for measuring efficiency

Systèmes photovoltaïques – Conditionneurs de puissance – Procédure de mesure du rendement

Reference number
IEC 61683:1999(E)

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