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INTERNATIONAL STANDARD

NORME INTERNATIONALE

Photovoltaic (PV) arrays – Design requirements

Groupes photovoltaïques (PV) – Exigences de conception

IEC 62548:2016-09(en-fr)

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colour inside

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PHOTOVOLTAIC (PV) ARRAYS – DESIGN REQUIREMENTS

FOREWORD

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International Standard IEC 62548 has been prepared by IEC technical committee 82: Solar photovoltaic energy systems.

This International Standard cancels and replaces the first edition of IEC TS 62548 published in 2013.

This International Standard includes the following significant technical changes with respect to IEC TS 62548:

a) provisions for systems including DC to DC conditioning units;
b) considerable revision of Clause 6 on safety issues which includes provisions for protection against electric shock including array insulation monitoring and earth fault detection.

The text of this document is based on the following documents:

FDIS	Report on voting
82/1149/FDIS	82/1166/RVD

Full information on the voting for the approval of this document can be found in the report on voting indicated in the above table.

This document has been drafted in accordance with the ISO/IEC Directives, Part 2.

Attention is drawn to the co-existence of IEC 60364-7-712 and IEC 62548. Both standards have been developed in close coordination by different technical committees.

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