

# INTERNATIONAL STANDARD

# NORME INTERNATIONALE

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**Low voltage electrical installations –  
Part 7-712: Requirements for special installations or locations – Solar  
photovoltaic (PV) power supply systems**

**Installations électriques basse tension –  
Partie 7-712: Exigences applicables aux installations ou emplacements  
spéciaux – Installations d'énergie solaire photovoltaïque (PV)**





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COMMISSION

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## INTERNATIONAL ELECTROTECHNICAL COMMISSION

## LOW VOLTAGE ELECTRICAL INSTALLATIONS –

**Part 7-712: Requirements for special installations or locations –  
Solar photovoltaic (PV) power supply systems**

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International Standard IEC 60364-7-712 has been prepared by IEC technical committee 64: Electrical installations and protection against electric shock.

This second edition cancels and replaces the first edition, published in 2002. This edition constitutes a technical revision.

This edition includes the following significant technical changes with respect to the previous edition:

- a) The technical content has been extensively revised and expanded, taking into account experience gained in the construction and operation of PV installations, and developments made in technology, since the first edition of this standard was published.

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

FDIS	Report on voting
64/2154/FDIS	64/2163/RVD

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

This publication 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 standards. Both standards have been developed in close coordination by different technical committees.

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For the purpose of this part of IEC 60364 (IEC 60364-7-712), the requirements of the general parts 1 to 6 of IEC 60364 apply.

The IEC 60364-7-7XX parts of IEC 60364 contain particular requirements for special installations or locations which are based on the requirements of the general parts of IEC 60364 (IEC 60364-1 to IEC 60364-6). These IEC 60364-7-7XX parts are considered in conjunction with the requirements of the general parts.

The particular requirements of this part of IEC 60364 supplement, modify or replace certain of the requirements of the general parts of IEC 60364 being valid at the time of publication of this part. The absence of reference to the exclusion of a part or a clause of a general part means that the corresponding clauses of the general part are applicable (undated reference).

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