

# CONSOLIDATED VERSION

# VERSION CONSOLIDÉE



**Photovoltaic (PV) systems – Requirements for testing, documentation and maintenance –  
Part 1: Grid connected systems – Documentation, commissioning tests and inspection**

**Systèmes photovoltaïques (PV) – Exigences pour les essais, la documentation et la maintenance –  
Partie 1: Systèmes connectés au réseau électrique – Documentation, essais de mise en service et examen**

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#### Part 1: Grid connected systems – Documentation, commissioning tests and inspection

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**This Consolidated version of IEC 62446-1 bears the edition number 1.1. It consists of the first edition (2016-01) [documents 82/1036/FDIS and 82/1056A/RVD] and its amendment 1 (2018-08) [documents 82/1415/FDIS and 82/1426/RVD]. The technical content is identical to the base edition and its amendment.**

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International Standard IEC 62446-1 has been prepared by IEC technical committee 82: Solar photovoltaic energy systems.

This first edition constitutes a technical revision.

This edition includes the following significant technical change with respect to IEC 62446:2009:

- the scope has been expanded to include a wider range of system test and inspection regimes to encompass larger and more complex PV systems.

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

A list of all parts in the IEC 62446 series, published under the general title *Photovoltaic (PV) systems – Requirements for testing, documentation and maintenance*, can be found on the IEC website.

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