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IEC 62894

Edition 1.1 2016-11  
CONSOLIDATED VERSION

# INTERNATIONAL STANDARD



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## Photovoltaic inverters – Data sheet and name plate

INTERNATIONAL  
ELECTROTECHNICAL  
COMMISSION

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## Photovoltaic inverters – Data sheet and name plate



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### PHOTOVOLTAIC INVERTERS – DATA SHEET AND NAME PLATE

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International Standard IEC 62894 has been prepared by IEC technical committee 82: Solar photovoltaic energy systems.

This standard has been derived from EN 50524.

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## PHOTOVOLTAIC INVERTERS – DATA SHEET AND NAME PLATE

### 1 Scope

This International Standard describes data sheet and name plate information for photovoltaic inverters in grid parallel operation.

The object of this standard is to provide minimum information required to configure a safe and optimal system with photovoltaic inverters.

In this context, data sheet information is a technical description separate from the photovoltaic inverter. The name plate is a sign of durable construction on or in the photovoltaic inverter. The name plate may be inside the photovoltaic inverter only if the name plate is visible once a door is opened in normal use.

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IEC 60721-2-1, *Classification of environmental conditions – Part 2-1: Environmental conditions appearing in nature – Temperature and humidity*

IEC 61683, *Photovoltaic systems – Power conditioners – Procedure for measuring efficiency*

IEC 62109-1, *Safety of power converters for use in photovoltaic power systems – Part 1: General requirements*

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