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SJ

**INDUSTRY STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

SJ/T 12029.3-2025

**Residential Grid-Connected Photovoltaic Power Generation
System - Part 3: Installation and Commissioning Specifications
(English Translation)**

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What this standard covers

This standard specifies requirements for the installation and commissioning of residential grid-connected photovoltaic (PV) power generation systems, covering safe and orderly construction practices, pre-installation preparations, transportation, handling, storage, installation engineering, system and equipment commissioning, and site cleanup. It applies to residential grid-connected PV systems installed on fixed residential buildings, structures, and their associated premises that connect to the user-side grid or public grid at voltage levels of 220V or 380V; the single-point connection capacity should generally not exceed 8 kW for 220V systems or 400 kW for 380V systems (systems with other voltage levels may also refer to this standard). This standard does not apply to concentrating PV systems, though other PV systems may refer to it.

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