



# Photovoltaic panel label identification

How do I know if a wiring system has a label?

The labels or markings shall be visible after installation. All letters shall be capitalized and shall be a minimum height of 9.5 mm (3/8 in.) in white on a red background. Labels shall appear on every section of the wiring system that is separated by enclosures, walls, partitions, ceilings, or floors.

Are UV labels UV screen printed & UV inkjet printed?

These labels are UV screen printed and UV inkjet printed, the highest quality you will find and designed to last years outdoors in the sun.

Why do I need a voltage label?

This is required for safety purposes to clearly indicate the maximum voltage to servicing personnel for PPE and tool selection. Since some PV equipment, such as certain inverters, may have multiple DC circuit inputs, the highest value present in the system shall be used on the single label.

Where should a PV system circuit conductor be identified?

PV system circuit conductors shall be identified at all accessible points of termination, connection and splices. Where conductors of more than one PV system occupy the same junction box, raceway or equipment, the conductors of each system shall be identified at all terminations and splice points.

How do I communicate the labeling requirements to the installer?

Communicating the labeling requirements to the installer must be clear, concise and adhere to the latest National Electrical Code (NEC) and International Fire Code (IFC) requirements for text height, wording and reflectivity (where required).

What changes have been made to label requirements?

Moved several label requirements to relevant sections for clarity. Added the term "Labels" to requirements for "placards and directories." Consolidated all placard requirements found in 690.56 or 712.10 as example into Article 705.10. Other sections will reference 705.10 unless the placards are mentioned or required for stand-alone systems.

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