



Photovoltaic panel line marking





Overview

The National Electrical Code (NEC) Section 690 outlines specific labeling requirements for photovoltaic (PV) systems to ensure safety and compliance. The NEC690 Building Inspector's Guide is a set of reference materials developed for Building Inspectors and AHJ Officials as it relates to Article 690, of the National Electrical Code (NEC 2014) for Photovoltaic Warning Labels. The Guide also covers ANSI Z535. For a master or journeyman electrician, correctly applying these labels is crucial for passing inspection and ensuring the long-term safety of first responders and maintenance personnel. Although placards are generally the most durable option, they need to be designed for exposure “AC Combiner Panel” Section 705. 12(B)(3) • Sum of ampere ratings, excluding source OCPD • Label. Getting PV system documentation, labels, and placards right saves time, reduces rework, and improves site safety. This installer-focused checklist aligns with NEC intent across code cycles adopted by many Authorities Having Jurisdiction (AHJs). Use it to standardize field work, tighten your. Required solar labeling typically covers shock risks, arc flash warnings, PPE requirements, and equipment identification.



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690.31 (G) (3) & (4) Marking and Labeling Required.

PV power circuit labels shall appear on every section of the wiring system that is separated by enclosures, walls, partitions, ceilings, or floors. Spacing between labels or markings, or between a ...

PV SYSTEM LABELING

There are several marking and labeling requirements for PV systems and a variety of interpretations. This document provides a summary of the most common requirements and an example of each ...



[PV Labeling Requirements: What Installers Need To Know](#)

PV solar system installers must know PV labeling requirements to ensure the system complies with electrical standards. Learn PV labeling requirements here.

SOLAR PV SYSTEMS

Mike Holt's Illustrated Guide to Directory, Identification, Label, Marking, Plaque, and Sign Requirements for SOLAR PV SYSTEMS



[Solar Panel Safety Labeling Requirements _ DuraLabel](#)

Learn solar panel safety labeling requirements that protect workers and support NEC compliance. See what labels are required for PV installations.



[Installer Checklist: NEC PV Labels, Placards, and As-Builts](#)

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[How to Properly Label a PV System per NEC 690 Part VI](#)

A visual guide to the specific labels and plaques required for solar PV systems by NEC Article 690, including placement and wording for all required warnings.



Building Inspector's Guide



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PV Labeling Requirements

Incorporating code-compliant solar installation labeling into an engineering drawing is just as critical as every other component within the system design.

[Technical Bulletin: NYSERDA Solar Photovoltaic System ...](#)

The following wiring methods and enclosures that contain PV power source conductors shall be marked with the wording "Photovoltaic Power Source" by means of permanently affixed labels or other ...





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