



# Photovoltaic panel false label

Why do PV modules have energy labels?

This stems from a common misinterpretation of the role of the Energy Label, which is a tool meant to illustrate the product's energy performance in the eyes of end-users- in other words, how much the PV module energy generation will help them produce green energy and save on electricity bills.

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.

Do ecodesign rules apply to solar photovoltaic products?

Ecodesign rules apply to more than 30 product groups, with Energy Labelling applying to many of those. Until now, solar photovoltaic products had no product category of their own- but that's all about to change.

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.

Do I need a single field-applied label for a DC Circuit?

No longer needed. 690.53 DC PV Circuits. single field-applied label indicating the maximum DC voltage must be installed for any PV system with DC circuits. This is required for safety purposes to clearly indicate the maximum voltage to servicing personnel for PPE and tool selection.

Why is AC not included in the new label design?

The new label design no longer includes the reference to "ac," so it is removed from the marking requirement, since we are trying to merge Article 712 into 705 and delete 712. The new label format applies to any power source regardless of ac or dc.

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