

Why are international standards important in the photovoltaic industry?

**ABSTRACT:** International standards play an important role in the Photovoltaic industry. Since PV is such a global industry it is critical that PV products be measured and qualified the same way everywhere in the world. IEC TC82 has developed and published a number of module and component measurement and qualification standards.

What are the requirements for deploying a PV system?

associated with deploying PV. Licensing standards are important aspects of PV installations. The level of training required, the allowable ratio of licensed electrician to apprentice, and the defin

What certifications do you need to install a PV?

lled "Entry Level") certification and a "PV Installation Professional" certification. The Ass

What does a certification mean for a solar module?

Basically, certifications per se do not tell much about the quality of a module. If you buy a solar module with IEC 61215/61730/61701 etc. certifications, it means that the certification-holding manufacturer managed to produce a few modules of that type that passed a standard's (e.g. IEC 61215) tests at the time of applying for certification.

Why do I need a special certification for concentrator PV (CPV) modules?

A special certification for Concentrator PV (CPV) modules is necessary because the high concentration of the solar irradiance through lenses or mirrors causes higher stress on the equipment.

Can PV modules be used in extreme environments?

Demonstrate long-term safety and performance of PV modules for use in extreme environments with UL certification. PV modules are installed in extreme environments such as heavy snow, high winds or desert conditions. Innovative PV products are also replacing traditional building materials such as roof coverings and curtain walls.

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