



# What is the CEC certification for photovoltaic panels

Are PV modules CEC approved?

PV Modules certified to IEC 61215:2021 will have a (IEC 61215-2021) suffix on the CEC listing. This is for CEC listing purposes only. Manufacturers are not required to print the suffix on labels or manufacturer documentation. PV Modules that do not comply with the new Standard after 1st October 2024 will not be considered CEC Approved.

When do PV modules need to be certified?

All PV modules approved by CEC will need to comply with the 2021 edition of the IEC 61215 series from 1 October 2024. Effective 1 April 2024, CEC stopped accepting applications with IEC 61215:2016 certification - all new PV module applications submitted from 1 April 2024 are required to have certification to the 2021 edition of IEC 61215 series.

Why is the CEC accrediting the solar industry?

The CEC deeply considered how our technical experts can best support the industry amid complex and competing priorities including standards changes and regulatory reforms. Transitioning out of the role of administering accreditation will now allow the CEC to focus on strong advocacy for the solar industry.

What is the CEC Approved List?

The CEC's PV Module Approved List is a list of PV modules tested and certified to meet the IEC 61215 Standards series. Solar installers use the Approved List to ensure they use only high-quality, safe, and reliable PV modules in their installations.

What does the CEC do?

This expansion allows the CEC to oversee the permitting of clean and renewable energy facilities, including solar photovoltaic, onshore wind, and energy storage systems, and facilities that produce or assemble clean energy technologies or their components.

Can I apply for enhanced listings for PV modules already approved by CEC?

Applying for Enhanced Listings for PV Modules already approved by CEC may incur an additional fee. Rigorous surveillance and in-line production testing of production modules to existing standards is provided by the VDE Quality Tested program.

The Clean Energy Council is the peak body for the clean energy industry in Australia. Learn more about the CEC. [Skip to Content Search.](#) [Member login](#) ... Approximately 3.7 million Australian ...

NABCEP's 2025 CE Conference in Reno, NV March 24-27 2025 The advanced-level content presented at the annual NABCEP CE Conference is geared toward PV industry professionals ...



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Design battery storage solutions for solar panel systems To register for the battery storage course, you must first complete the solar grid installation and design course. Together, these ...

Underwriters Laboratories (UL) is the mostly used US-body to certify solar panels for the US market and issues the prominent UL 1703 certification. About Underwriters Laboratories (UL) ...

Once, PV Modules confirm to a design and qualification standard, installation practice must also adhere to the accepted practices or codes. Moreover, Solar photovoltaic ...

All solar panel mounting systems will have a limit of building height - typically 10 m, but sometimes 20 m. For example, Australian company SunLock supplies a "one size fits most" set ...

After 1 April 2024, the CEC will no longer accept applications with 2016 certification. To maintain CEC approval beyond 30 September 2024, manufacturers and ...

Application for Certification. The CEC has the exclusive authority for licensing thermal power plants of 50 MW or larger, as well as related transmission lines, fuel supply lines, and other ...

This short course for the renewable energy sector is for people currently working in the electrical industry who want to apply for provisional Clean Energy Council (CEC) certification - Solar ...

Lithium-based battery system (BS) and battery energy storage system (BESS) products can be included on the Approved Products List. These products are assessed using the first three ...

More Australians are embracing the benefits of solar energy, battery storage and new energy tech to help them reduce their energy bills and emissions. Find out more about how you can get ...

For homeowners, researching every solar panel on the market to find the best option for your home can be daunting. The CEC or Clean Energy Council is a regulatory body that aims to promote quality solar products, installers, and ...

rooftop PV systems to be installed according to the manufacturer's instructions, the National Electrical Code, and Underwriters Laboratories product safety standards [such as UL 1703 ...

The GSES Grid-Connected Photovoltaic Systems Design Only course is the foundation of your solar career, and pathway to your SAA Accreditation. ... (nationally recognised training): ...

The PV System Inspector (PVSI) Board Certification recognizes the advanced experience and skill of inspecting residential and commercial photovoltaic systems. This Board Certification is ...



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A CEC certified solar panel implies it's undergone meticulous efficiency and safety tests, accruing high performance metrics. ... making the warranty more credible. ...

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The CEC-AC system rating is used to determine the eligibility of a solar system for the California Solar Initiative (CSI) Program. But even if you're not in California, this rating is closer still to ...

In the state of California, PV system components for buildings (modules, inverters, and system performance meters) must be certified through the California Energy Commission's (CEC) PV system certification program. And ...

For a copy of the SB 1 Guidelines and listing request documents, background on the Solar Equipment Lists, training materials, and additional resources, please visit the Solar Equipment ...

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 ...

The California Energy Commission (CEC) has a rating system for solar panels known as the CEC-AC rating. Even if you are not in California, this rating is still critical, based ...

Introduction. There have been changes throughout the entire 2023 NEC that may affect the installation of photovoltaic (PV) systems. However, this article will concentrate ...

Application for Certification. The CEC has the exclusive authority for licensing thermal power plants of 50 MW or larger, as well as related transmission lines, fuel supply lines, and other facilities. ... but would not include others, such as ...

Known as the Opt-In Certification Program, this permitting process offers developers an optional pathway to submit project applications, facilitating faster deployment of renewable technologies. Under AB 205, the CEC is the lead ...

The project would generate and store renewable electricity via arrays of solar PV panels, a battery energy storage system (BESS), and appurtenant facilities. ... as modified by AB 209 expands ...

The California Department of Forestry and Fire Protection - Office of the State Fire Marshal (CAL FIRE-OSFM), local fire departments, and the solar photovoltaic industry have developed a ...

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Solar energy in California falls into two categories: solar thermal and solar photovoltaic. The California Energy Commission licenses solar thermal plants above 50 megawatts and promotes solar photovoltaic installation through the ...

CEC accreditation, the consistently progressing industry standards, and the evolving role of solar electricians are contributing to the sector's advancement and vitality. ...

calculation that determines the minimum PV system size based on three key factors: 1. The climate zone of the building 2. The conditioned floor area of the dwelling(s) being served by the ...

Design battery storage solutions for solar panel systems To register for the battery storage course, you must first complete the solar grid installation and design course. Together, these courses provide complementary experience, ...

On 29 February 2024, the Clean Energy Regulator (CER) approved Solar Accreditation Australia (SAA) as the new installer and designer accreditation scheme operator (ASO) under the Small-scale Renewable Energy Scheme ...

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