



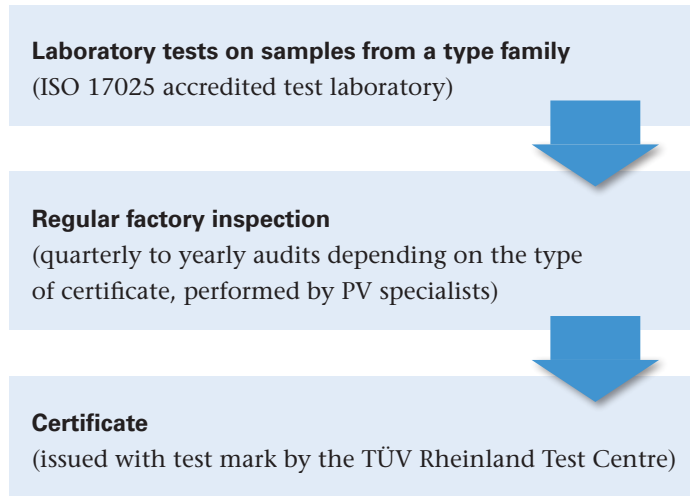
Photovoltaic module certifications

PV module qualification	Benchmarking	Components
PV module certifications	BIPV	PV power plants
Efficiency characterisation	Mounting systems	Storage systems
Stress tests	Calibration	Solar thermal systems
Quality assurance	R&D and consulting	Product tests

In order that your PV products can access all international markets, we support you with a wide range of certification services and beyond.

Certification of photovoltaic modules

One of the most important prerequisites for a successful market presence of module manufacturers and retailers is proof of certification for the PV products they produce or distribute. The certification of TÜV Rheinland contains the following process steps:



With the certificates you'll also receive permission for displaying the test mark from TÜV Rheinland. With a unique ID number and a QR code you can quickly and reliably check the claims represented by the test mark at www.certipedia.com.

There are different types of certificates:

Main certificate

The main certificate holder is generally the manufacturer with all certificate rights.

OEM certificate

The main certificate holder authorizes a third party to use its own trade name (company name and type designation). The certificate always indicates the manufacturer as the original license holder; the right to the certificate lies with the main certificate holder.

Second / co-certificate

The holder of such a certificate receives the permission from the main certificate holder (manufacturer) to use the holder's own trade name (company name and type designation). Original manufacturer and production site are not identified; the right to certificate lies with the license holder.

Market access prerequisites may vary between countries. We check and certify systems according to all international and national bases:

International standards

(apply to most countries with some exceptions)

- EN (European Norm)
- IEC (International Electrotechnical Commission)
- ISO (International Organization for Standardization)

National test specifications and requirements

(apply in certain countries, often only in combination with the aforementioned international standards)

- ANSI / UL (North America)
 - ANSI / TUVR (North America)
 - CAN / CSA (Canada)
 - GSE (Italy)
 - INMETRO (Brazil)
 - MCS (United Kingdom)
 - Bonification Français (France)
 - JIS/JQA/JEMA (Japan)
 - CEC (California, USA)
 - FEC (Florida, USA)
 - SSI (Israel)
 - SASO (Saudi Arabia)
 - Golden Sun (China)
- and others

If no harmonized standards apply, TÜV Rheinland creates its own test specifications to serve as the basis for world-wide recognized test certificates: 2 Pfg xxxx/mm.yyyy

Our experience – your advantage

You can rely on our decades of experience in solarenergy. Take advantage of the achievement potential of our test laboratories offering you fast and first-class service around the world, around the clock. Gain a partner with worldwide acceptance and document tested quality with the test mark from TÜV Rheinland.

Always a good sign.



This mark stands for the products, services and systems that are tested, certified or inspected by TÜV Rheinland. Transparent, available anytime worldwide – powerful and unique.

The TÜV Rheinland test mark.

For further information, please visit: www.certipedia.com



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Precisely Right.

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