



Photovoltaic components.

It is now more important than ever to use renewable energy sources to find technical solutions for the global challenge of changing to new forms of energy. Photovoltaic components make a decisive contribution to reliable energy supply. Our tests are aimed squarely at the deployment of your products. Use our neutral test mark to validate your quality claims and give your customers a clear aid to decision making and orientation in the market. We will be your reliable and competent partner.

FROM LOVE TO SAFETY.

Our many years of experience and our comprehensive knowledge give consumers the confidence that products tested by us go beyond legal requirements. Make the most of this advantage - we will gladly help you.

FOR YOU – WE TEST.

We test the following components for use in PV-systems for you in accordance with the respective applicable standards, directives and quality requirements

- Suitability and compatibility of the junction boxes for mounting on PV modules according to UL 61730
- Suitability and compatibility of the connectors for mounting on PV modules according to UL 61730
- Backsheet foils according to the new version of the 2 PfG 1793 (for use with modules according to the new edition of IEC 61730)
- Aluminum cable for fixed underground installation for PV systems 2 PfG 2642/11.17
- AC cables in accordance with 2 PfG 1940/12.11
- AC connectors in accordance with 2 PfG 1915/03.15
- With the exception of cables, we will test for ammonia resistance in accordance with 2 PfG 1911/04.16
- Arrays, connection lines in accordance with 2 PfG 1913/04.11
- DC connectors in accordance with IEC/EN 62852
- Junction boxes in accordance with IEC/EN 62790
- DC-cables in accordance with EN 50618 and IEC 62930
- PV combiner boxes 2 PfG 2532
- We refer to international standards such as IEC 61730, IEC 61215 as well as various UL standards (example UL 3730, UL 6703, UL 4703, UL 9703)
- PV string fuses 2PfG 2380/02.14
- PV micro inverter 2PfG 2305/06.13
- IEC 60364-7-712
- IEC 62548

FOR YOU – WE CERTIFY.

If a test is successful, a certificate and the right to use a test mark can be awarded. TÜV Rheinland test marks document consistent quality. To ensure this, we carry out an initial inspection as well as repeated checks of your production sites.

FOR YOU – WE MONITOR.

TÜV Rheinland test marks document consistent quality. To ensure this, we carry out an initial inspection as well as repeated checks of your production sites.

THE MARK SHOWS THE DIFFERENCE.

You can see it at a glance. Our nationally and internationally recognised test mark says more than 1000 words. At any time with just one smartphone scan you can access essential certification program characteristics via QR code. There are many good reasons.



THERE ARE MANY GOOD REASONS.

- Confirmation of your quality claims by a neutral service provider
- External independent quality testing and assurance
- A clear aid to decision making and orientation for your customers

SIMPLE. FAST. TRANSPARENT. – AT ANY TIME.

Visit the TÜV Rheinland certificate database at www.certipedia.com and enter the ID shown on the test mark. There you will find the appropriate proof of quality.

AROUND THE WORLD.

Do your products need a “passport”? We will be at your side where you are or want to be successful – in just about any country in the world.

**NEW TRENDS, NEW KNOWLEDGE,
NEW QUESTIONS.**

See for yourself – www.tuv.com

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Precisely Right.