Accreditation

Our national and international recognition by accreditation bodies ensures the high quality of our work. Our reports, declarations and certificates are accepted worldwide.

Since 2011 Kiwa Primara has been accredited by the Deutsche Akkreditierungsstelle GmbH (DAkkS) according to DIN EN 17025 and DIN EN 17065 to test and certify electrical equipment. In addition, we offer testing and certification in the IECEE CB Scheme procedure and are a recognized GS certification body.

kiwa.com/primara

kiwa

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Vehicle-to-Grid

Testing and certification services for grid integration

kiwa

Testing and certification services *for grid integration*

Vehicle-to-Grid (V2G)

In the future, electric vehicles will serve as temporary battery storage units, making them an active part of the grid and must comply with the future grid code standards.

We support you in the worldwide testing and approval of your charging infrastructure as well as in the smooth integration into the power grid. Our fully accredited laboratory tests, among others, on-board/off-board chargers (AC/DC charging stations), DC/DC converters as well as wallboxes and car charging stations to ensure smooth approval.

Why KIWA Primara?

- DAkkS / ilac accredited testing laboratory
- Certificates of conformity to national & international standards
- Bi-directional DC power supply up to 1500 V and 150 kW
- Bi-directional AC power supply up to 630 Vac and 135 kW
- Provision of cooling liquid between -40 °C and +60 °C
- Fully variable CAN bus system with up to 4 channels
- Environmental simulation tests
- Many years of experience in grid-parallel self-generation systems and battery storage systems
- Global market access
- Large international network with many additional testing possibilities

Worldwide grid code certifications:

- **VDE-AR-N 4105, VDE 0124-100** Germany
- **VDE-AR-N 4110, TR3, TR4, TR8** Germany
- **VDE-AR-N 4120, TR3,TR4, TR8** Germany
- **VDE-AR-N 4130, TR3,TR4, TR8** Germany
- **VDE V 0126-1-1, VDE FNN** Germany
- **EN 50549-1, EN 50549-2, EN 50549-10** Europe
- **IEC 61727, IEC 62116** International
- **CEI 0-21, CEI 0-16** Italy
- **G98, G99** UK
- **AS 4777.2** Australia
- **C10/11 Belgium,** Netherlands
- **OVE-Richtlinie R 25, TOR Erzeuger** Austria
- **UTE C15-712-1, XP C15-712-3, Enedis-PRO-RES_10E, XP C15-712-3** France
- **UNE 217001, UNE 217002, NTS SEP, NTS SENP** Spain
- **RD1699, RD244, RD647, TED/749** Spain
- **VJV2018** Finland
- **NA/EEA-NE7** Switzerland
- **Portaria n.º 73** Portugal
- **Grid Connection Code for RPPs in South Africa** South Africa
- **PPDS** Czech Republic
- **UL 1741** USA
- **ABNT NBR 16149, ABNT NBR 16150** Brazil
- **NTCO, Norma Técnica de Conexión y Operación** Chile
- **Nam Power** Namibia
- **Technical Regulation 3.3.1 & 3.3.2** Denmark
- **Guide for connection of power-generating plants to grid - Type A, B, C, D** Denmark
- **Statnett 15/00250-12** Norway
- **EIFS** Sweden
- **20210426_zasady-wykorzysta_certyfikatow** Poland
- **Wymogi ogólnego stosowania** Poland