

The Kiwa logo features the word "kiwa" in a bold, blue, lowercase sans-serif font. To the right of the text is a stylized red and white bird icon, possibly a kiwi, with its head facing left. The logo is set against a white diamond-shaped background that is part of a larger graphic design.

kiwa

Vehicle-to-Grid

Testing and certification services
for grid integration

[kiwa.com/de](https://www.kiwa.com/de)

Vehicle-to-Grid (V2G)

In the future, electric vehicles will serve as temporary battery storage, which means that they will become an active part of the power grid when they are fed into the grid and will have to comply with the future grid code standards.

We support you in the worldwide testing and approval of your charging infrastructure and grid integration. In our fully accredited laboratory, we test, among other things, on-board/off-board chargers (AC/DC charging stations), DC/DC converters as well as wall boxes and car charging stations.

✓ WHY KIWA PRIMARA?

- DAkKS / ilac accredited test 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 with grid-parallel self-generation plants and battery storage systems
- Global market access
- Large international network

✓ WORLDWIDE GRID CODE CERTIFICATIONS:

- | | |
|-------------------------------------|------------------------|
| ■ VDE-AR-N 4105, VDE 0124-100 | ■ UNE 206006 |
| ■ TOR Erzeuger, R25 | ■ AS 4777.2 |
| ■ VDE V 0126-1-1 | ■ UNE 206007 |
| ■ UTE C15-712-1, VRF2019 | ■ NRS 097-2-1 |
| ■ CEI 0-21 | ■ UNE 217001 |
| ■ ENEDIS-PRO-RES-13E/64E | ■ C10/11 |
| ■ EN 50549-1 | ■ NA/EEA-NE7 |
| ■ RD 1663, RD 661, RD 1699, PO 12.3 | ■ IEC 61727, IEC 62116 |
| ■ G98, G99 | ■ UL 1741 |



Contact us for a non-binding offer.

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