Intelligent charging solutions by wallbe®

THE SIMPLE SOLUTION FOR NEW AGE MOBILITY

Driving eMobility
Mobility is electrically

TAKE THE NEXT STEP

Whether e-automobile, e-scooter or e-bike: more and more people are switching to electric vehicles. This trend will become more and more popular because the advantages are obvious: electric mobility is an environmentally friendly, low-emission and low-noise alternative to conventional engines. The demand for such solutions has risen rapidly in recent years.

wallbe® is a German technology company that has been dealing with the holistic implementation of solutions in the field of electromobility for more than 10 years.

INSTALLATION AND MAINTENANCE
wallbe® has its own installation team and, with its network of specialist partners, more than 250 electrical specialists at its disposal who are available to customers for technical implementation, commissioning and regular maintenance. For the customer, this service means an extension of the guarantee to 4 years.

OPERATION AND SERVICE
If desired, wallbe® also takes care of the operation of the charging infrastructure, the support as well as a support hotline.

NETWORK AND PARTNERS
Through an extensive network of energy suppliers, technology partners and billing service providers, wallbe® has access to all companies necessary for the operation and billing of charging infrastructure.

TECHNOLOGIES AND INTERFACES
Due to its back-end system, a load balancing management, as well as the possibility of the integration of charging stations into external back-end and home management systems, wallbe® customers have extensive usage possibilities at their disposal.

RESEARCH AND DEVELOPMENT
wallbe® actively works on various research projects. The charge controller, the heart of every charging station, is also wallbe®’s own development.

CONCEPTION AND CONSULTING
wallbe® delivers complete infrastructure concepts from planning to implementation on request. Due to our certified partner network, a comprehensive, demand-oriented consultation of our customers is guaranteed.
**wallbe® Pro (Wallbox)**
- Compact and robust design
- Quick and easy wall installation
- Easy to use
- Compliant with calibration law
- Type 2 socket outlet
  - Optional: cable type 2 or Schuko socket outlet
- 35 x 35 x 17 (W x H x D in cm), approx. 12 kg

**wallbe® Pro (Pillar)**
- Freestanding
- Compact and robust design
- Easy to use
- Compliant with calibration law
- Type 2 socket outlet
  - Optional: cable type 2 or Schuko socket outlet
- 56 x 125 x 20 (W x H x D in cm), approx. 23 kg

**wallbe® Pro Plus (Wallbox)**
- Compact and robust design
- Quick and easy wall installation
- Easy to use
- Compliant with calibration law
- 2 x Type 2 socket outlet
  - Optional: 2 x cable type 1 or type 2
- 50 x 50 x 20 (W x H x D in cm), approx. 15-17 kg

**wallbe® Pro Plus (Pillar)**
- Freestanding
- Compact and robust design
- Easy to use
- Compliant with calibration law
- 2 x Type 2 socket outlet
  - Optional: 2 x cable type 1 or type 2
- 78 x 146 x 20 (W x H x D in cm), approx. 27 kg
wallbe® Eco 2.0 (Wallbox and Pillar)
- As wall-mounted installation or freestanding
- Easy to use
- Variants up to 22kW 32A 400V AC
- Fixed cable type 1 or type 2 or socket outlet type 2
- 25 x 18 x 13 (W x H x D in cm), approx. 3-4 kg

wallbe® Dual Bike (Wallbox and Pillar)
- As wall-mounted installation or freestanding
- Easy to use
- 2 x 230V
- 2 Schuko sockets with child safety lock
- 25 x 18 x 13 (W x H x D in cm), approx. 3-4 kg

wallbe® eBike Tower
- Freestanding
- Simple operation via deposit lock
- Three charging points in one station
- 3 x Schuko socket outlets with Fi Circuit breaker 30 mA
- 50 x 205 x 50 (W x H x D in cm), approx. 50 kg

wallbe® Sun4Charge
- Solar modules in transparent or translucent design
- LCD touch display
- Very large advertising space
- 2 x Type 2 socket outlet
- Single-arm construction for flexible parking
- 536 x 270 x 330 (W x H x D in cm)
wallbe® Eco 2.0 (Wallbox and Pillar)
- As wall-mounted installation or freestanding
- Easy to use
- Variants up to 22kW 32A 400V AC
- Fixed cable type 1 or type 2 or socket outlet type 2
- 25 x 18 x 13 (W x H x D in cm), approx. 3-4 kg

wallbe® Premium
- Freestanding
- Integrated LED illumination
- Easy installation and maintenance
- 2 x type 2 socket outlet, or 4 x type 2 socket outlet
- 15 x 120 x 15 (W x H x D in cm), approx. 10-12 kg,
  Base: 30 x 30 cm

wallbe® Premium CityLight
- Freestanding
- Integrated LED illumination
- Easy installation and maintenance
- 2 x type 2 socket outlet, or 4 x type 2 socket outlet
- 15 x 120 x 15 (W x H x D in cm), approx. 10-12 kg,
  Base: 30 x 30 cm

wallbe® NEO
- As wall-mounted installation or freestanding
- Easy to use thanks to LCD User Guide
- Variants up to 22kW 32A 400V AC
- Compliant with calibration law
- 2x socket outlet type 2 with integrated LED status display,
  optional: cable type 1 or type 2
- 50 x 40 x 22,6 (W x H x D in cm)

wallbe® MAX
- The smart charging Pillar with NFC function
- Ideal for semi-public and public areas
- Winner of the eMove Award in the „Charging“ category
- With LED ambient lighting
- Conforms to IEC 61851 Mode 3 standards, CE compliant
- 56 x 200 x 38 (W x H x D in cm)
Made in Germany

Depending on version:
- 1 or 2 charging points Type 2 socket outlet
- Charging capacity 3.7 kW - 22 kW
- Authorization: Smartphone App or RFID
- Payment system (plugsurfing, hubject etc.)
- Management system wallbe® Cloud
- Interfaces, OCPP 1.6S, UMTS module
- Conforms to IEC 61851 Mode 3 CE standards,
- Temperature/protection class -20 C to +55 C / IP 54
- Made in Germany

Each charging solution can also be individually designed in your corporate design
INTELLIGENT CONTROL AND FULL ACCESS

wallbe® Cloud – OCPP BACKEND SYSTEM
OCPP (Open Charge Point protocol) enables communication between wallbe® charging stations and management systems.

This enables an integration of the backend applications and billing systems into the charging infrastructure. With the universal protocol, charging station networks can be operated in a future-proof manner and new charging stations integrated trouble-free.

The solutions of wallbe® support OCPP 1.6JS and are therefore suitable for the worldwide standardized communication of charging points and infrastructures.

wallbe® LOAD MANAGEMENT
The intelligent load and charging management by wallbe® makes optimum use of the local capacity and utilisation of the network. Load peaks are avoided and the charging current is prioritized according to defined rules. The use of renewable energies such as an own photovoltaic system can also be integrated into the system. The intelligent distribution to active charging points reduces high energy costs at peak loads. The load and charging management is either located directly in the charging stations or in a separate control station.

![Diagram of wallbe® charging points and management system](image)
wallbe® – Driving eMobility

wallbe® sets new standards in the expansion of electric mobility. The focus is on the optimal and economical infrastructure of the Charging points. With wallbe’s holistic approach, many companies, municipalities and organisations already benefit from services that optimally meet their individual requirements.

Our customers value our competence and expertise in building charging infrastructures of all sizes. In cooperation with longstanding partners and suppliers, we are continuously developing our solutions to improve performance, comfort and longevity.

From planning, construction and implementation to operation and billing systems, wallbe offers a comprehensive portfolio of tailor-made solutions. With this claim, wallbe is successfully advancing electromobility.

Would you like to know more about the possibilities that the future of electric mobility can offer you? We have the answers and look forward to hearing from you.

wallbe GmbH
Paderborner Straße 76
33189 Schlangen
Tel.: +49 (0) 5252 98892-00
sales@wallbe.de
www.wallbe.de