

TurboConnect™ Wi-Fi Enabled Charging Station

Upscale Your Charging Experience



Reliable charging starts with Webasto

Committed to a green future, Webasto Charging Systems offers comprehensive energy management and innovative e-Mobility solutions, including advanced charging stations, intelligent digital connectivity services, worldwide certified cordsets and industrial charging products. Our in-house design and engineering expertise ensures the highest grade in safety and automotive standards. Whether you are looking for high-volume, customized and white labeling solutions or our Webasto-branded products off-the-shelf, we provide the robust & reliable charging equipment for your needs.

With our Tier-1 global production plants, we excel in manufacturing high-quality, high-performance charging products while managing complex projects that meet stringent quality, safety, and performance requirements. Together with our partners and customers, we strive to pave the way for a sustainable future while making electrification easy, smart, and connected.

Smart & High-Performing

The Webasto TurboConnect™ wallbox marks the beginning of a new era in electrification.

This robust and reliable Level 2 charger is designed to match the needs of private and any commercial business applications.

It is equipped with Wi-Fi, Bluetooth and ethernet connectivity and meets the highest cybersecurity standards with an inbuilt Trusted Module Platform. The Webasto TurboConnect has undergone rigorous in-house validation assessments including over 100 hours of penetration testing and threat analyses to ensure that your data remains private.

With up to 11.5kW charging power at 240V and a maximum output of 48A, the TurboConnect powers up any electric vehicle quickly and efficiently with up to 50 miles of range per hour*.

Design Features:

- Easy installation and guided setup deployment
- Ergonomic coupler holster with cable management
- Customized branding and/or styling options

Technical Key Features:

- ETL certified according to UL2594
- Engineered according to EVSE & automotive standards with heavy additional testing
- Missing ground and RCD Type A & B (GFCI)
- Revolutionary leakage and thermal detection
- Industry-leading safety features and electrical protection

Software/Backend/WebastoCharge:

- OTA software upgrades enabling long term project applications
- 24/7 monitoring with Webasto ChargeConnect Digital Solutions
- Integrates with any OCPP 1.6J backend
- Carbon credit reporting

Certified & Secure

Charge with confidence and ease. Designed to withstand extreme conditions, this charger prioritizes safety with its continuous monitoring of ground, current, and voltage, in addition to its leakage, thermal, and auto-restart/recovery features. This EV supply equipment is ETL certified and meets strict electrical safety standards.

Energy-Star Rated & HEMS Ready

The Webasto TurboConnect features a variety of protocols and interfaces allowing it to connect to energy management systems and to provide optimized photovoltaic surplus charging or dynamic load balancing with multiple chargers.

The wallbox is Energy-Star rated and surpasses stringent automotive standards for quality, safety, and performance.

User-Friendly & Ergonomic Accessory

The Webasto TurboConnect includes an external dock and coupler holster that allows you to conveniently set up your charger wherever you need it, while the implemented wrap around feature keeps your cable securely stored when not in use.

Unlock Full Charging Potential with Webasto ChargeConnect.

Webasto Digital Solutions are the perfect addition to the Webasto TurboConnect and put you in complete control. With our Webasto ChargeConnect Cloud, charging providers can realize the advantages of efficient and demand-optimized charging. The dashboard allows easy access to manage complex multi-charging sessions, check on device status, retrieve charging history, control energy consumption, and much more at any time and from anywhere. Webasto ChargeConnect offers flexible and cost-effective pricing options to match your needs.



Webasto ChargeConnect Dashboard



Webasto ChargeConnect App

The Webasto ChargeConnect App allows end-users to easily connect with our existing Webasto Cloud services, enabling payments, data collection, and analysis. With these, and many more features, Webasto ChargeConnect and the Webasto TurboConnect are the perfect pair for an outstanding and seamless charging experience.

Technical Specifications

| | Webasto TurboConnect™ Level 2 Wallbox |
|----------------------------|---|
| Current | Adjustable from 6A to 48A |
| Maximum Power Output | 11.5kW at 240V |
| Coupler | SAE 1772 Type 1 |
| Storage Temperature | -40°C (-40°F) to +85°C (185°F) |
| Operating Temperature | -30°C (-34.4°F) to +60°C (140°F) |
| Indoor/ Outdoor | IP65 enclosure, NEMA 3S, IK10 |
| Electrical Safety | Integrated Ground Fault Circuit Interrupter (GFCI) AC & DC, Overcurrent and undercurrent voltage and Surge Protection |
| Thermal Safety | Temperature Monitoring and Derating |
| Connectivity | Wi-Fi 4, Ethernet 100Mbit/s, BLE 4.2 ready |
| Cyber Security | Cyber Security according to ISO 21434 and UNECE R155 |
| Backend Connectivity | OCPP 1.6J (OCPP 2.0.1 ready) |
| Communication Protocol | TCP/IP, Modbus TCP, EEBUs, SEP2.0 |
| Altitude Relative Humidity | 5% - 95% non-condensing |
| Cable Length | 20 ft (6m) |
| Dimensions and Weight | 17.5" x 10.1" x 5.2" (approximate), ~ 12lbs (5.5kg) |

*The maximum charging speed is dependent on many factors including the size and condition of your vehicle's battery



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