TurboConnect™ Wi-Fi Enabled Charging Station

Upscale Your Charging Experience

Power Up with Confidence - Guaranteed Reliability 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 thoroughly understand your necessity for robust and reliable charging equipment.

With our own 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 for a better living while making electrification easy, secure, and connected.

Durable. Efficient. High-Performing Hardware.

Charge with confidence and ease using the Webasto TurboConnect wallbox. Designed to withstand extreme weather conditions, this charger prioritizes safety with its continuous monitoring of ground, current, and voltage currents, in addition to its leakage, thermal, and auto-restart/recovery features. This Level 2 wallbox has been certified by ETL, ensuring that it meets UL's electrical safety standards for consumer products.

The Energy Star certified Webasto TurboConnect saves money from your energy bill and surpasses stringent automotive standards for quality, safety, and performance.

With up to 11.5kW charging power at 240V and a maximum output of 48A, you can power up your electric vehicle quickly and efficiently by fueling up to 50 miles of range per hour*.

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.

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

Smart. Secure. Seamless Inbuilt Software.

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

Our wallbox is suitable for private, semi-public, and public use. It is equipped with Wi-Fi 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. Additionally, to safeguard you from zero-day exploits, our over-the-air software update capability provides confidence that vulnerabilities can be immediately mitigated.

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

Unlock Full Charging Potential.
Webasto ChargeConnect App and Backend.

Webasto Digital Solutions are the perfect addition to the Webasto TurboConnect and put you in complete control of your charging experience. This charger is designed to match the needs of private and any commercial business applications.

Using the Webasto Cloud, charging providers can realize the advantages of efficient, 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 Dashboard

Webasto ChargeConnect App

For maximized compatibility, 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 J1772 Type 1
Storage Temperature	-40°C (-40°F) to +85°C (185°F)
Operating Temperature	-30°C (-34.4°F) to +50°C (122°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	WiFi, Ethernet 100Mbit/s
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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