

TurboConnect™

Wi-Fi Enabled Charging Station



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. Equipped with Wi-Fi, Bluetooth and ethernet connectivity and meets the highest cybersecurity standards with an in-built 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.

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 Webasto ChargeConnect Cloud, charging providers can realize the advantages of efficient and demand-optimized charging. The dashboard allows easy access to manage complex multicharging 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.

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.



Webasto ChargeConnect Dashboard



Webasto ChargeConnect Mobile App

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	-40C (-40°F) to +85C (185°F)
Operating Temperature	-40C (-40°F) to +60C (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 Derting
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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