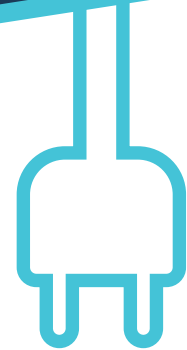


MyBox Profi

Charging stations for companies
and private charging



Application

The MyBox charging station is suitable for all types of electric vehicles and meets the highest requirements for intelligent solutions in a modern design. Charging power up to 2x22 kW with the possibility to charge two electric vehicles at the same time and dynamic power control depending on the power consumption of the building or construction site. The focus is on the overall quality of the work. The steel construction guarantees maximum durability and the components used come exclusively from European manufacturers. The multiple uses of this charging station allow it to be installed for both households and businesses. MyBox stations meet all requirements for public charging, including the use of cloud services.



Product highlights

- Wallbox with a power of 2x22 kW
- Allows for a dynamic power control system
- Communication via Ethernet (standard) or 4G/LTE modem, with OCPP protocol
- Flexible user authorisation, e.g. via RFID card reader
- LED indicators provide information on the status of the charging ports
- Combination of steel and composite material provides protection against harsh conditions or mechanical damage
- Lockable front door for easy access
- Prepared for connection to control software - management user, remote access and station management
- Integrated electricity meter with MID certification



General specifications

Enclosure rating	IP54 / IK10 (not connect) IP44 / IK10 (connect)
Enclosure material	Aluminium composite, painted or stainless steel
Lights for status indication	RGB colours indicator
Operating temperature	-25 °C to +45 °C
Dimensions (D × W × H)	330 × 450 × 160 mm
Weight	16 kg

Optional devices

Fixed cable connection	Type 2 straight or spring
Charging cable accessories	Cable holder
Customise the appearance	Possibility to glue the front side
Locking device	Antigraffiti
Overvoltage protection	Lightning current arrester/ surge arrester
Wireless communication	4G/LTE, Wifi, VPN

Model specifications

Models	Profi 2× 22 kW
AC power supply	3P + N + PE
AC voltage	400 V (±10 %)
Maximum input current	3× 64 A
Maximum input power	44 kW
Number of modules	2
Maximum output power per connection	22 kW
Maximum output current per connection	3× 32 A
AC output voltage	400 V (3P+N+PE)
Connection	1× type 2 socket

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Technology

Network connection	Ethernet (TCP-IP), MICRO-USB Type C
Protocol	OCPP 1.6J, Modbus/TCP, MQTT
RFID system	ISO-14443 A&B, NFC, Mifare, Legic
Meter	MID Class 1 – EN50470-1, EN50470-31
Limit load control	Mode 3 PWM control according to ISO/IEC 61851-1
Connecting multiple stations	Master-Slave connection (up to 12 charging points) incl. dynamic load management
Circuit breaker	2× MCB (characteristic B) 32 A
Protective switch	2× RCD type A (30 mA), 2× sensor RCM 6 mA DC leakage detector
Socket protector type 2	Connector lock
Access security	Door lock with key

