

mybox

CHARGING STATIONS

MyBox.eco



**We're MyBox.
Your way to charging**

We believe in the future electromobility

We are a division of ELEXIM, which has been active in the electrical industry since 1999. Since 2017 we have delivered and installed hundreds of stations, including for customers such as E.ON, ŠKODA AUTO and ČEZ.

We have translated the know-how we have acquired into our own products, based on three pillars: clean design, European components and sustainability. This means they will serve you for many years and will not simply become obsolete.

**We believe in and
understand technology**

We live in a world of technology

Technology can make your life better. And you'll find plenty of them in our stations. Thanks to technology connect them to the internet, connect them to a mobile app and harness the power of PV.

MyBox is a complete ecosystem that works. We honor the importance of industrial design and develop stations to be future-ready.

**We will guide you
through the world
of e-mobility**

**We will support you on the road to
independence**

Make sure you have a clear idea of your needs, or you're just discovering the world of e-mobility, we'll support you. We can advise you on selection, installation and use.

Our charging stations are used by municipalities, institutions and firms. You will find them in car parks, parking houses and car dealerships. And they are also found in many homes. The next MyBox could be right here.

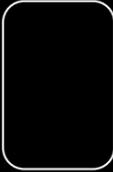
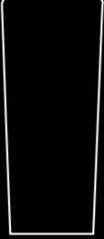
MyBox charging station Sophisticated design and advanced features.

We emphasize clean design and minimalism. We want the charging stations to reflect your lifestyle. To represent you. That's why we allow you to personalize a design that makes you stand out.

The dominant tempered glass panel catches the eye at first glance. It fulfils an aesthetic and protective function. In combination with steel or plastic body, it protects your station from the rain, snow and damage.

With the production of modern stations, our mission is just beginning. Thanks to our development, we already have our own controllers, cloud-based solutions, a DLM module or a mobile app.

MyBox is not just a hub for recharging. MyBox is a complete ecosystem. It connects e-mobility with Smart systems of homes, firms and cities. It brings control and can even use solar energy for charging.

06-07	08-09	10-11	12-13	
				
MyBox Home wallbox	MyBox Plus wallbox	MyBox Profi wallbox	MyBox Profi 43 wallbox	
14-15	16-17	18-19	20-21	22-23
				
MyBox Park stand	MyBox Post stand	MyBox mini wallbox	MyBox DC Charger stand	MyBox ebike wallbox

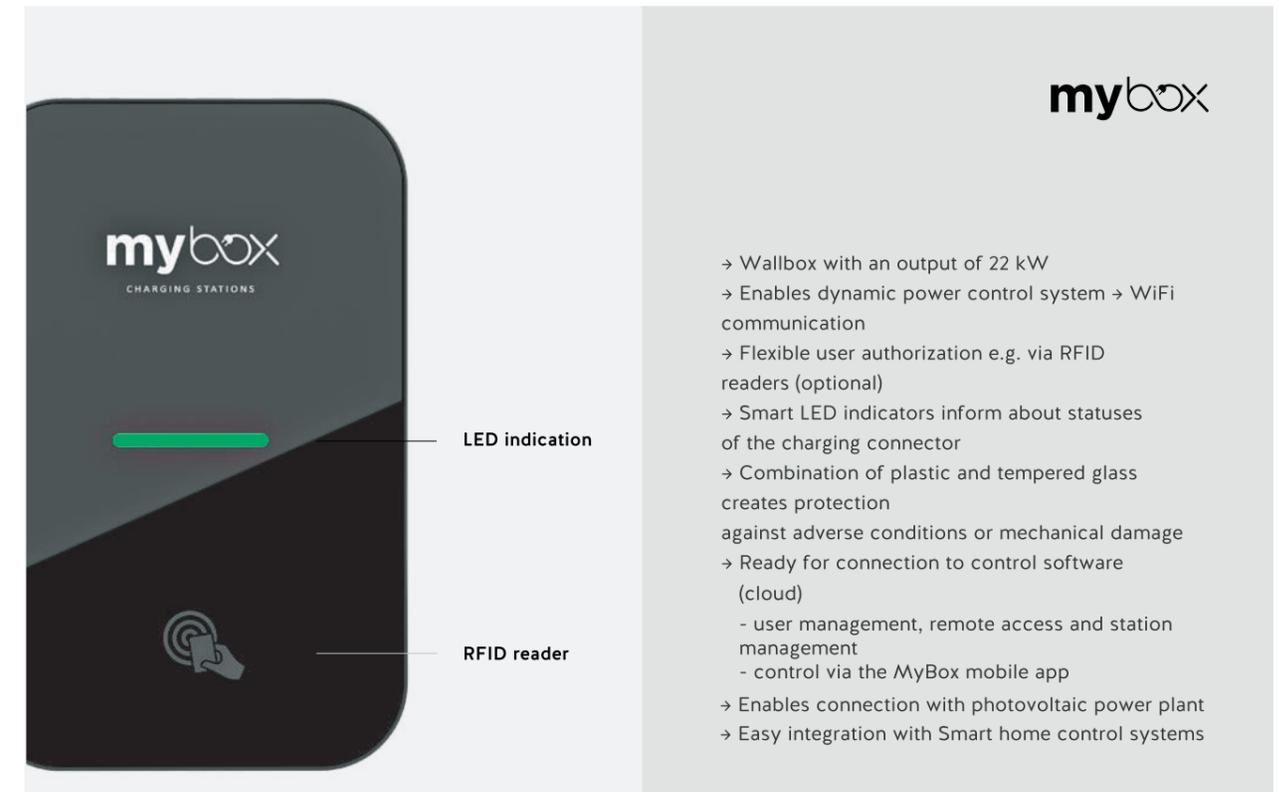
MyBox Home

wallbox



Home charging station, you can rely on. Top-notch components and advanced features taken from higher-end models.

The clean design of the MyBox Home station enhances the style of your home, whether it's in the garage or outdoors. It will also represent you well with its personalised front panel design.



LED indication

RFID reader

- Wallbox with an output of 22 kW
- Enables dynamic power control system → WiFi communication
- Flexible user authorization e.g. via RFID readers (optional)
- Smart LED indicators inform about statuses of the charging connector
- Combination of plastic and tempered glass creates protection against adverse conditions or mechanical damage
- Ready for connection to control software (cloud)
 - user management, remote access and station management
 - control via the MyBox mobile app
- Enables connection with photovoltaic power plant
- Easy integration with Smart home control systems

Great price and design

Basic information

Coverage	IP54/IK10 (unplugged) IP44/IK10 (plugged)
Surface material	plastic and tempered glass
Status indication	RGB colour indicator
Operating humidity	-30°C to +50°C
Dimensions (W x H x D)	200x305x105 mm
Weight	4 kg

Optional accessories

Hardwired cable	straight cable Type 2
Char. cable accessories	cable holder
Customizing the look	individual printing on the front side
Surge protector	lightning arrester / surge arrester

Technology

Communication	WiFi b/g/n, Modbus / RS485, 1-wire, Serial TTL
Protocols	OCPP 1.6, Modbus RTU, MQTT broker / client
RFID reader	ISO-14443 A&B, Mifare 13.56MHz
Power control	mode 3 PWM according to ISO/EIC 61851-1
Multi-station connection	Possibility to connect multiple charging stations in series including dynamic power control
Output power control	Modbus, OCPP 1.6, Auto-monitoring of the main circuit breaker
Wiring with FVE	control of the charging process via Modbus, MQTT

Member of the (smart) household

The station fits into the entire MyBox ecosystem. It connects to the internet and uses the cloud. Thanks to the native MyBox app, you can access the station from anywhere.

Operating the MyBox Home Charging Station is easy and intuitive.

You arrive, plug in, charge. Thanks to the Smart LED indicator, you get a perfect overview of the status of the charging connectors.



MyBox Plus

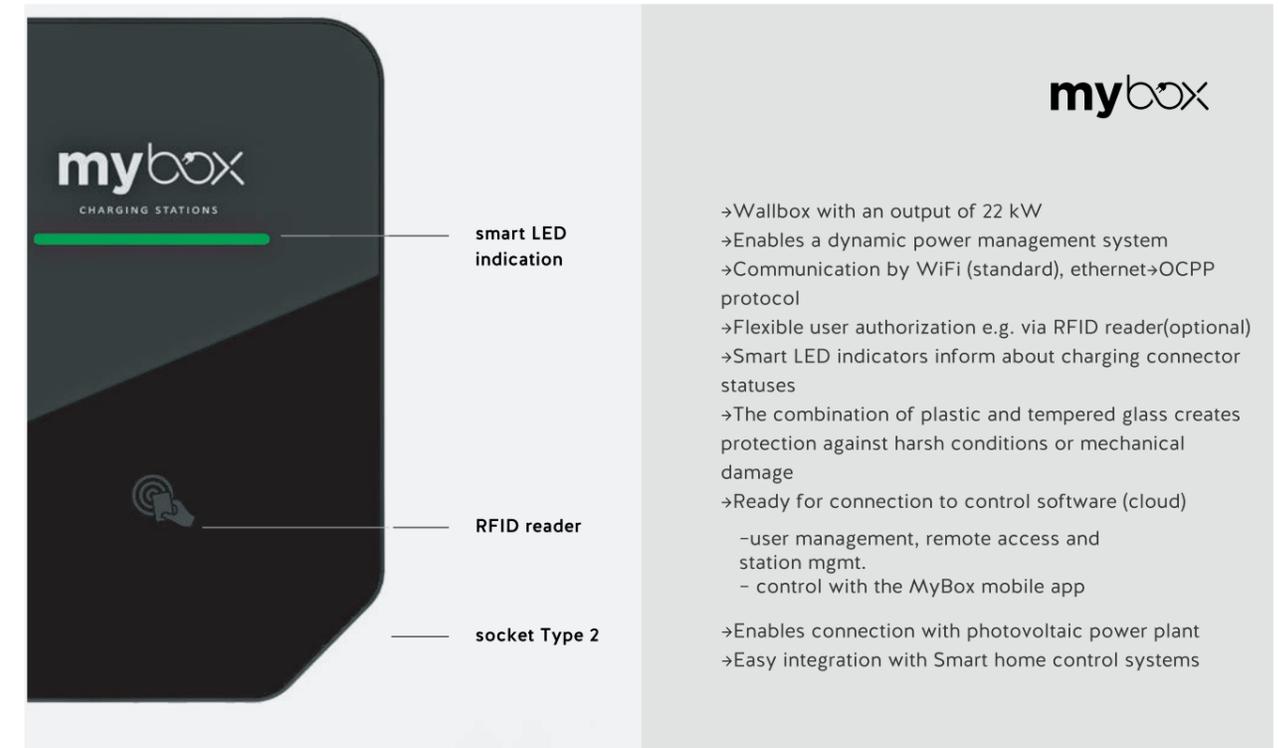
wallbox

Make EV charging available to employees, customers or public users.

MyBox Plus and MyBox Profi wallboxes are suitable for creating several charging points in corporate premises

Station for home and corporate charging impresses with design. You can tell at a glance by the bevelled edge.

The station includes one integrated cable or socket. You decide which option is more convenient and practical for you.



mybox

smart LED indication

RFID reader

socket Type 2

- Wallbox with an output of 22 kW
- Enables a dynamic power management system
- Communication by WiFi (standard), ethernet→OCPP protocol
- Flexible user authorization e.g. via RFID reader(optional)
- Smart LED indicators inform about charging connector statuses
- The combination of plastic and tempered glass creates protection against harsh conditions or mechanical damage
- Ready for connection to control software (cloud)
 - user management, remote access and station mgmt.
 - control with the MyBox mobile app
- Enables connection with photovoltaic power plant
- Easy integration with Smart home control systems

Variability.

Basic information

Coverage	IP54/IK10 (unplugged) IP44/IK10 (plugged)
Surface material	plastic and tempered glass
Status indication	smart LED indicators
Operating temperature	-30°C to +50°C
Dimensions (W x H xD)	280x410x120 mm
Weight	8,5 - 13,5 kg

Optional accessories

Hardwired cable	straight or twisted Type 2
Char. cable accessories	cable holder
Customizing the look	front side printing
Circuit breaker	MCB (char. B) 32 A
Surge protector	lightning arrester / surge arrester
Current protector	RCD type A (30 mA)
Electricity meter	MID class 1
RFID reader	ISO-14443 A&B, NFC, Mifare, Legic

Technology

Communication	WiFi b/g/n, Modbus / RS485, 1-wire, Serial TTL
Protocols	OCPP 1.6, Modbus RTU, MQTT broker / client
RFID reader	ISO-14443 A&B, Mifare 13.56MHz
Power control	mode 3 PWM according to ISO/EIC 61851-1
Multi-station connection	Possibility to connect multiple charging stations in series including dynamic power control
Output power control	Modbus, OCPP 1.6, auto-monitoring of the main circuit breaker
Wiring with FVE	řízení nabíjecího procesu přes Modbus, MQTT

MyBox Profi

wallbox



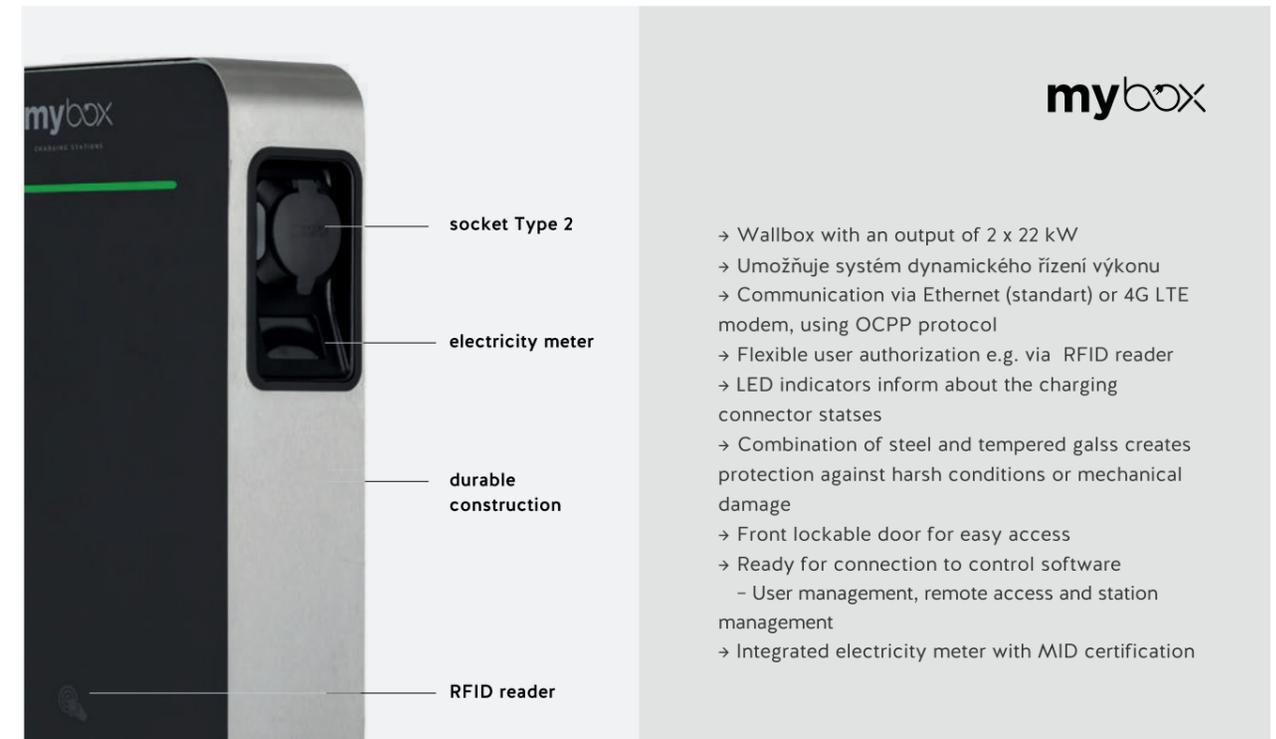
Professional wallbox with power up to 2x22 kW and a range of advanced features. It meets the requirements of for intensive use and advanced management.

We supply charging stations with two integrated cables or sockets. Both variants meet stringent requirements for durability, compatibility and longevity.



Durable construction

It can withstand rain, frost and vandals. Steel shell and tempered glass protect high-end components.



- Wallbox with an output of 2 x 22 kW
- Umožňuje systém dynamického řízení výkonu
- Communication via Ethernet (standart) or 4G LTE modem, using OCPP protocol
- Flexible user authorization e.g. via RFID reader
- LED indicators inform about the charging connector statuses
- Combination of steel and tempered glass creates protection against harsh conditions or mechanical damage
- Front lockable door for easy access
- Ready for connection to control software
 - User management, remote access and station management
- Integrated electricity meter with MID certification

Premium.

Basic information

Coverage	IP54/IK10 (unplugged) IP44/IK10 (plugged)
Surface material	tempered glass, lacquered or stainless steel
Status indication	smart LED indicator
Operating temperature	-30°C to +50°C
Dimensions (W x H x D)	390x630x180 mm
Weight	25 kg

Optional accessories

Hardwired cable	straight or twisted Type 2
Customizing the look	possibility of individual printing
Antivandal extension	antigrafits
Surge protection	lightning arrester / surge arrester
Communication	4G/LTE, Wifi , VPN

Technology

Communication	Ethernet (TCP-IP), WiFi b/g/n MICRO-USB Type C
Protocol	OCPP 1.6J, Modbus/TCP, MQTT
RFID reader	ISO-14443 A&B, NFC, Mifare, Legic
Electricity meter	MID class 1 – EN50470-1, EN50470-3
Power control	mode 3 PWM according to ISO/EIC 61851-1
Multi-station connection	Master/slave connection (up to 12 charging points) including dynamic charging power control
Circuit breaker	2xMCB (char. B) 32 A
Current protection	2x RCD type A (30 mA), 2x sensor RCM 6 mA DC leakage detector
Socket protection Type 2	connector lock
Access security	keyed door lock

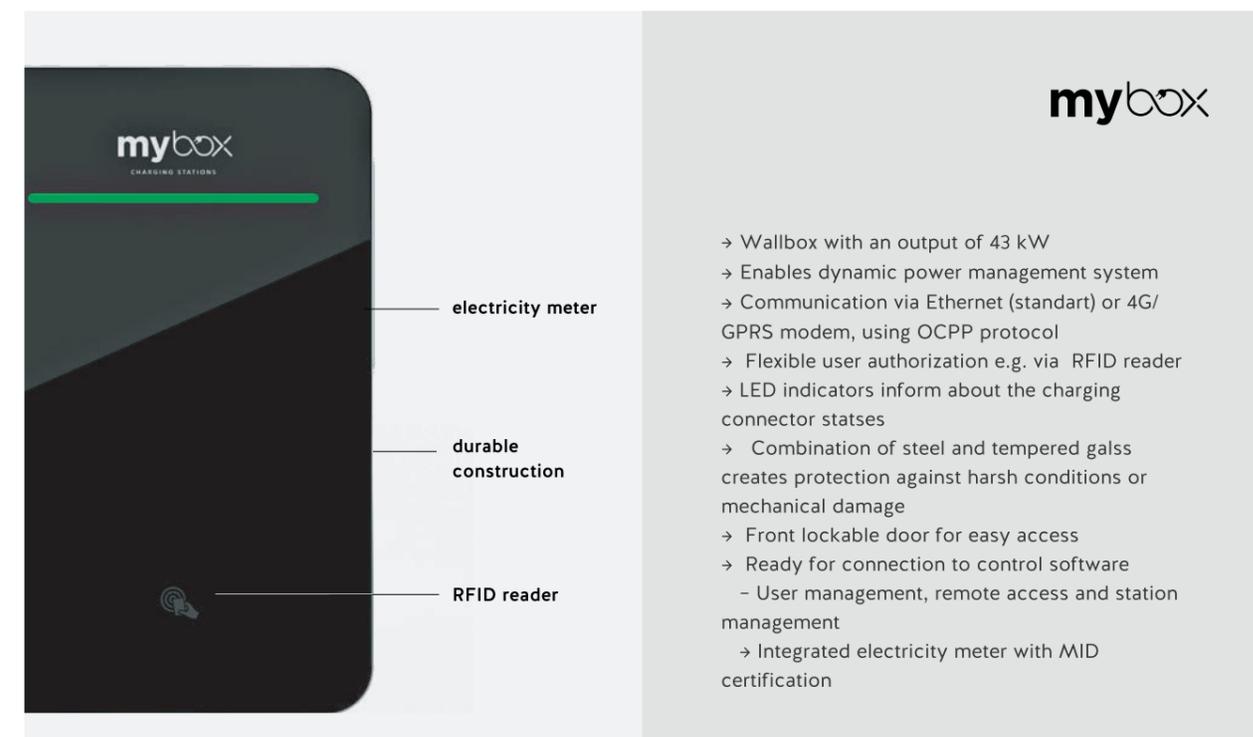




Professional wallbox for charging trucks and commercial vehicles with a power of 43 kW. It meets the requirements for intensive use and advanced management.

The charging station is supplied with an integrated cable.

MyBox Profi 43 kW
wallbox



- Wallbox with an output of 43 kW
- Enables dynamic power management system
- Communication via Ethernet (standart) or 4G/ GPRS modem, using OCPP protocol
- Flexible user authorization e.g. via RFID reader
- LED indicators inform about the charging connector stases
- Combination of steel and tempered galss creates protection against harsh conditions or mechanical damage
- Front lockable door for easy access
- Ready for connection to control software
 - User management, remote access and station management
- Integrated electricity meter with MID certification

Professional

Basic information

Coverage	IP54/IK10 (unplugged) IP44/IK10 (plugged)
Surface material	tempered glass, lacquered or stainless steel
Status indication	smart LED indicator
Operating temperature	-30°C to +50°C
Dimensions (W x H x D)	390x630x180 mm
Weight	25 kg

Optional accessories

Hardwired cable	straight or twisted Type 2
Customizing the look	possibility of individual printing
Antivandal extension	antigrafits
Surge protection	lightning arrester / surge arrester
Communication	4G/LTE, Wifi , VPN

Technology

Communication	Ethernet (TCP-IP), MICRO-USB Type C
Protocol	OCPP 1.6J, Modbus/TCP, MQTT
RFID reader	ISO-14443 A&B, NFC, Mifare, Legic
Electricity meter	MID class 1 - EN50470-1, EN50470-3
Power control	mode 3 PWM according to ISO/EIC 61851-1
Multi-station connection	Master/slave connection (up to 12 charging points) including dynamic charging power control
Circuit breaker	2xMCB (char. B) 32 A
Current protection	1x RCD type A (30 mA), 1x sensor RCM 6 mA DC leakage detector
Socket protection Type 2	connector lock
Access security	keyed door lock



MyBox Park

column station

Column station in a clean design with one charging socket.

It will stand out in the firm premises, public area and in front of the house garage.

The MyBox Park charging station has the form of a narrow post and thus does not visually disturb the exterior. To make its operation intuitive, you will find the front panel and a clear Smart LED indicator on the front panel.

Power supply and power for other 230 V devices for connecting a vacuum cleaner or other appliance (optional). Connector for charging electric bikes (optional).

- Station with an output of 22 kW
- Enables dynamic power control system
- Communication via WiFi (standard), ethernet
- OCPP protocol
- Flexible user authorization e.g. via RFID reader (optional)
- Smart LED indicators inform about charging connector statuses
- Combination of plastic and tempered glass creates protection against harsh conditions or mechanical damage
- Ready for connection to control software (cloud)
 - User management, remote access and station management
 - Control via the MyBox mobile app
- Enables connection to a photovoltaic power plant
- Easy integration with Smart home control systems
- Option to add a 230V socket and eBike charger

Elegant and powerful.

Basic information

Coverage	IP54/IK10 (unplugged) IP44/IK10 (plugged)
Surface material	tempered glass, painted or stainless steel
Status indication	RGB colour indicator
Operating temperature	-30°C až +50°C
Dimensions (W x H x D)	170x1000x130 mm
Weight	14 kg

Optional accessories

Hardwired cable	straight or twisted Type 2
Char. cable accessories	cable holder
Customizing the look	front printing
Socket	230 V or eBike
Surge protector	lightning arrester / surge arrester
Circuit breaker	MCB (char. B) 32 A
Current protector	RCD typ A (30 mA)
RFID reader	ISO-14443 A&B, NFC, Mifare, Legic
Electricity meter	MID class 1

Technology

Communication	WiFi b/g/n, Modbus / RS485, 1-wire, Serial TTL
Protocol	OCPP 1.6, Modbus RTU, MQTT broker / client
RFID reader	ISO-14443 A&B, Mifare 13.56MHz
Power control	mode 3 PWM according to ISO/EIC 61851-1
Multi-station connection	Master/slave connection (up to 8 charging points) including dynamic charging power control
Output power control	Modbus, OCPP 1.6, automatic monitoring of the main circuit breaker
Wiring with FVE	control of the charging process via Modbus, MQTT

MyBox Post column station

The clean-designed column station supplies power to two cars simultaneously. It features advanced management options and is also suitable for chargeable charging.

The combination of steel and tempered glass (with the option of printing) ensures maximum protection. With the possibility of connecting multiple stations, you create a full-fledged facility for public and corporate charging.

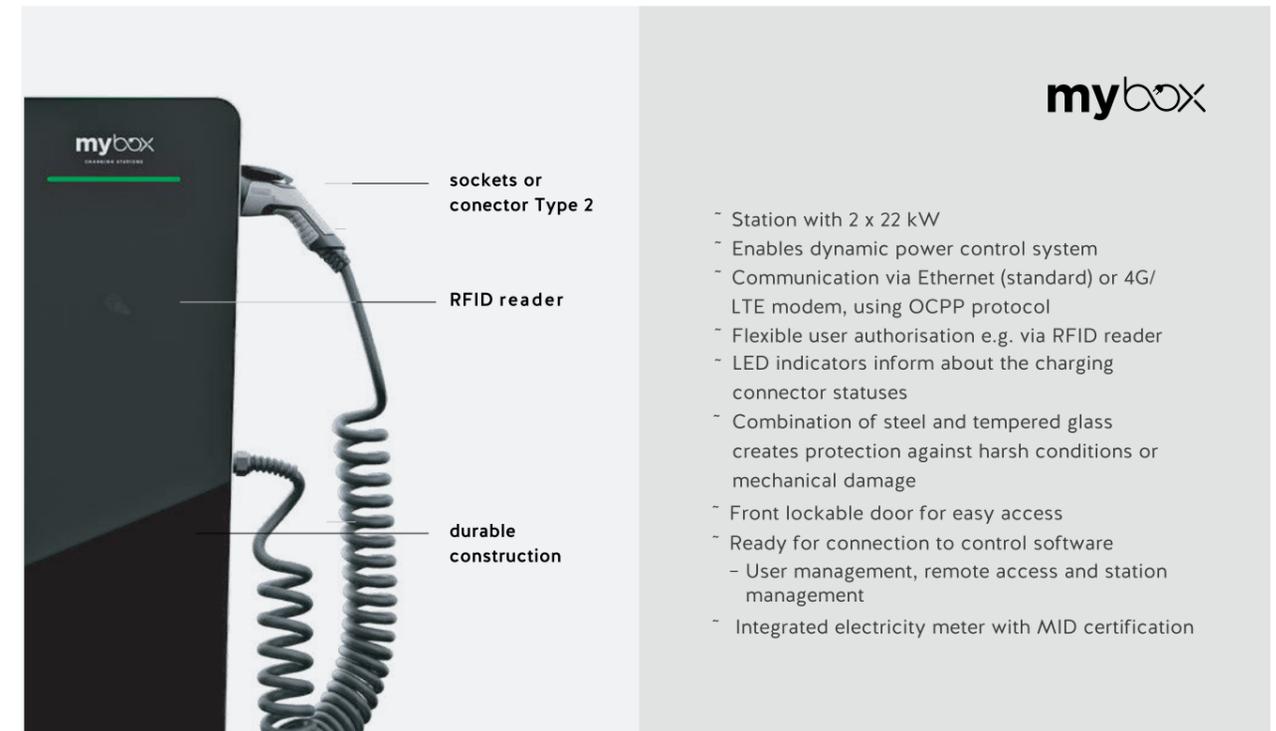


Durable construction

The station is designed for high frequency of use. Steel and tempered glass create a protective shield for high-end components.

Certified electricity meter

Complies with the legal requirements for charging point.



- Station with 2 x 22 kW
- Enables dynamic power control system
- Communication via Ethernet (standard) or 4G/LTE modem, using OCPP protocol
- Flexible user authorisation e.g. via RFID reader
- LED indicators inform about the charging connector statuses
- Combination of steel and tempered glass creates protection against harsh conditions or mechanical damage
- Front lockable door for easy access
- Ready for connection to control software
 - User management, remote access and station management
- Integrated electricity meter with MID certification

Professional.

Basic information

Coverage	IP54 / IK10 (unplugged) IP44 / IK10 (plugged)
Surface material	tempered glass, lacquered or stainless steel
Status indication	RGB color indicator
Operating temperature	-30°C to +50°C
Dimensions (W x H x D)	370 x 1420 x 200 mm
Weight	52 kg

Optional accessories

Hardwired cable	straight or twisted Type 2
Customizing the look	possibility of individual printing
Antivandal extension	antigrifts
Surge protection	lightning arrester/surge arrester
Communication	4G/LTE, Wifi, VPN

Technology

Communication	Ethernet (TCP-IP), MICRO-USB Type C
Protocol	OCPP 1.6J, Modbus/TCP, MQTT
RFID reader	ISO-14443 A&B, NFC, Mifare, Legic
Electricity meter	MID class 1 - EN50470-1, EN50470-3
Power control	mode 3 PWM according to ISO/EIC 61851-1
Multi-station connection	Master/slave connection (up to 24 charging points) including dynamic charging power control
Circuit breaker	2xMCB (char. B) 32 A
Current protector	2xRCD typ A (30 mA), 2xsensor RCM 6 mA detektor úniku stejnosměrného proudu
Output power control	Modbus, OCPP 1.6, auto-monitoring of the main circuit breaker
Socket protection Type 2	Connector lock
Access Security	keyed door lock



MyBox Mini

wallbox

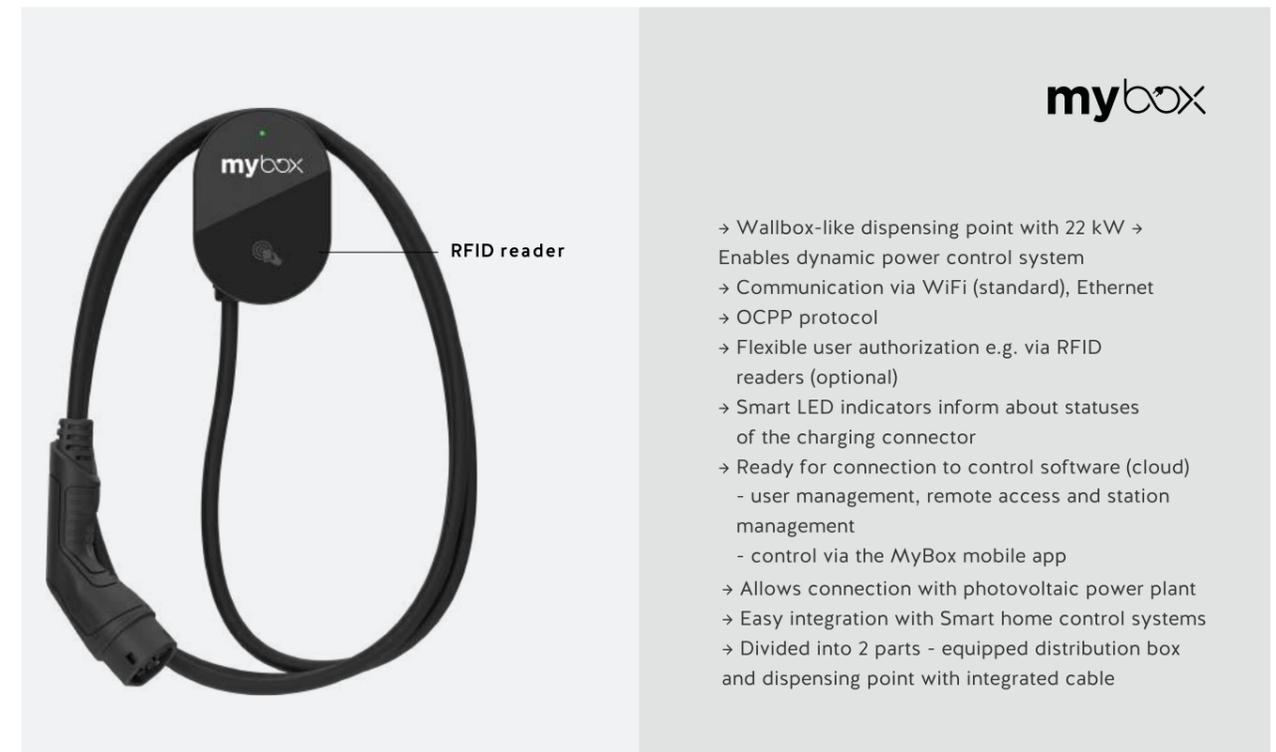
New charging station concept with an output of 22 kW impresses with its simple design and easy operation. It saves wall space and is visually unobtrusive.



Wallbox supports all advanced management features.

Businesses and households alike will appreciate the unobtrusive design. AND with the ability to connect up to 8 stations, it is also suitable for recharging corporate fleets.

The minimalist wallbox in the form of a dispensing point appeals to you with its compact dimensions. We have placed the components in a separate cabinet that is hidden from view.



- Wallbox-like dispensing point with 22 kW → Enables dynamic power control system
- Communication via WiFi (standard), Ethernet
- OCPP protocol
- Flexible user authorization e.g. via RFID readers (optional)
- Smart LED indicators inform about statuses of the charging connector
- Ready for connection to control software (cloud)
 - user management, remote access and station management
 - control via the MyBox mobile app
- Allows connection with photovoltaic power plant
- Easy integration with Smart home control systems
- Divided into 2 parts - equipped distribution box and dispensing point with integrated cable

Minimalism.

Basic information

Coverage	IP54/IK10 (unplugged) IP44/IK10 (plugged)
Surface material	plastic and tempered glass
Status indication	RGB color indicator
Operating temperature	-30°C to +50°C
Dimensions (W x H x D)	110x155x50 mm
Weight	2 kg

Optional accessories

Hardwired cable	straight Type 2
Char. cable accessories	cable holder
Customizing the look	possibility of individual printing
Circuit breaker	MCB (char. B) 32A
Current protector	RCD type A (30 mA)
Surge protector	lightning arrester / surge arrester
Communication	LAN (ethernet)

Technology

Communication	Ethernet (TCP/IP), WiFi b/g/n, Modbus / RS485, 1-wire, Serial TTL
Protocol	OCPP 1.6, Modbus TCP / RTU, MQTT broker/client
RFID reader	ISO-14443 A&B, NFC, Mifare, Legic
Power control	mode 3 PWM according to ISO/EIC 61851-1
Multi-station connection	Master/slave connection (up to 8 charging points) including dynamic charging power control
Output power control	Modbus, OCPP 1.6, automonitoring of main circuit breaker
Wiring with FVE	Control of the charging process Modbus, MQTT

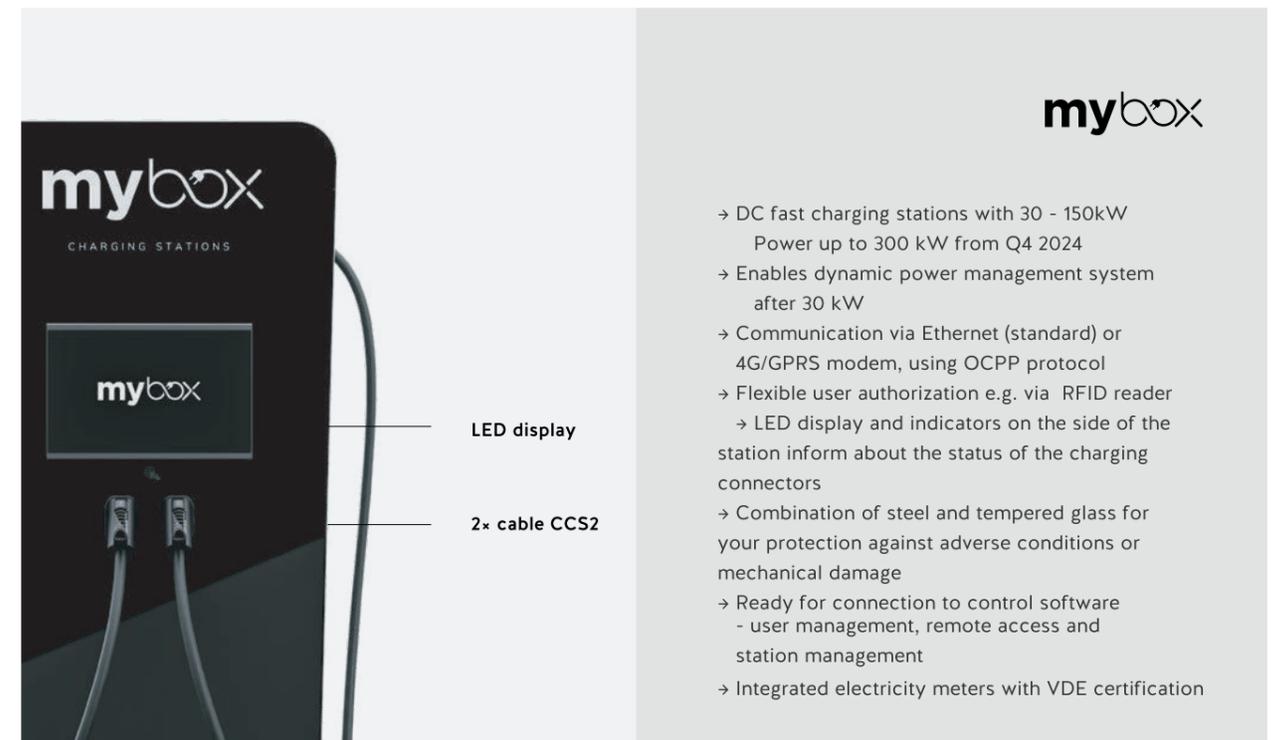
MyBox DC Charger

The DC fast charging station has a scalable output of 30 to 300 kW.

Its clean design stands out in the parking lot of a shopping mall, gas station or business.



The station provides advanced remote management capabilities. Its consumption for billing is monitored by certified meters.



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- DC fast charging stations with 30 - 150kW
Power up to 300 kW from Q4 2024
- Enables dynamic power management system after 30 kW
- Communication via Ethernet (standard) or 4G/GPRS modem, using OCPP protocol
- Flexible user authorization e.g. via RFID reader
 - LED display and indicators on the side of the station inform about the status of the charging connectors
- Combination of steel and tempered glass for your protection against adverse conditions or mechanical damage
- Ready for connection to control software
 - user management, remote access and station management
- Integrated electricity meters with VDE certification

Executive.

Basic information

Coverage	IP54/IK10 (unplugged) IP44/IK10 (plugged)
Surface material	stainless steel and tempered glass
Status indication	RGB colour indicator and LED display
Operating temperature	-30°C to +50°C
Dimensions (W x H x D)	850x2000x660 mm
Weight	445 - 530 kg

Optional accessories

Hardwired cable	type CCS2 80 - 375 A
Char. cable accessories	cable holder
Customizing the look	possibility of individual printing
Antivandal extension	antigrafits
Communication	4G/LTE, LAN, RS485

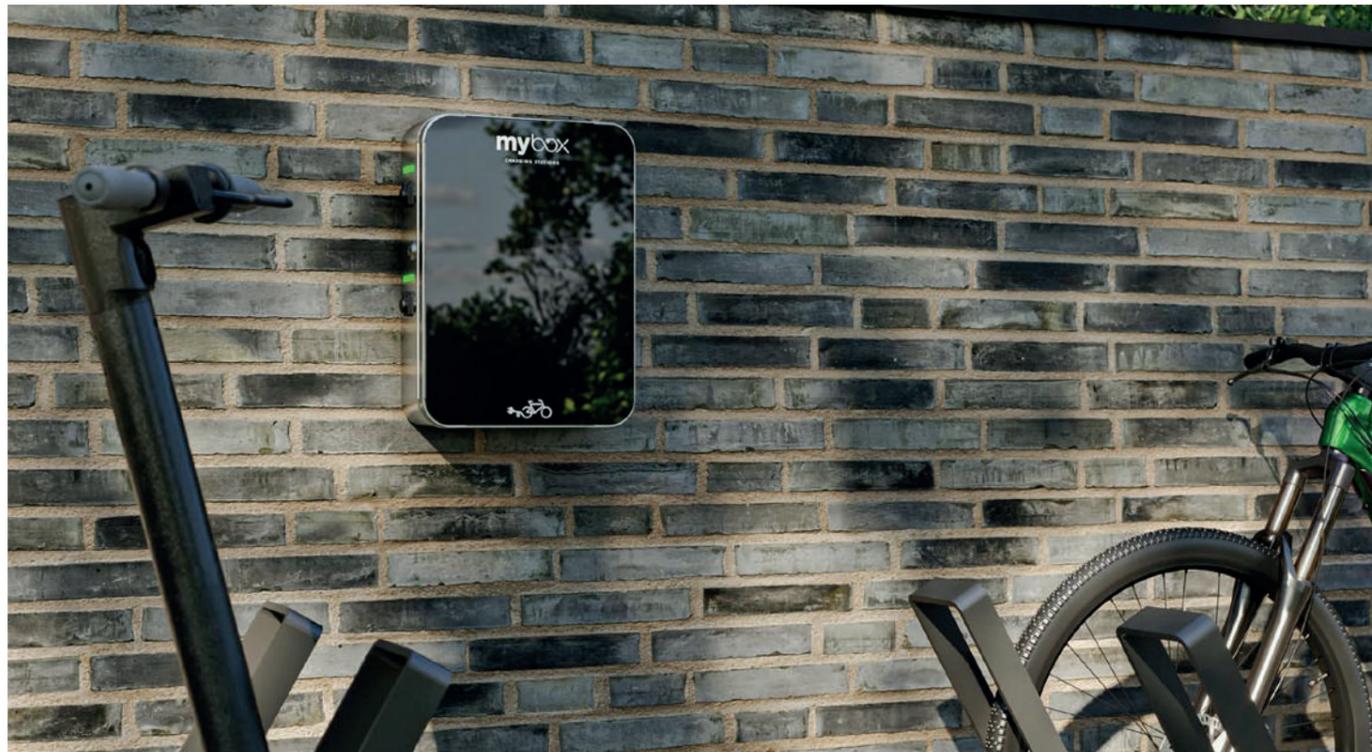
Technology

Communication	Ethernet (TCP-IP), RS485
Protocol	OCPP 1.6J, Modbus/TCP
RFID reader	ISO-14443 A&B, NFC, Mifare, Legic
Electricity meter	VDE-AR-E-2418-3-100 EN 50470-1, EN 50470-23
Power control	mode 4 PWM according to ISO/EIC 61851-1
Circuit breaker	1 - 5xMCB (char. C) 63 A
Surge protector	lightning arrester / surge arrester
Socket protector	connector lock
Access Security	keyed door lock

MyBox eBike

wallbox

Create a full-featured facility for reliable charging of electric bikes. High performance and easy operation will be appreciated by your employees, customers and the public.



Speed.

Built for fast charging

Charge a standard 400 Wh battery from 40% to 80% in 60 minutes

Design charging station for electric bikes includes 4 fast charging connectors and optional 4 USB A connectors.

It is compatible with almost all types of electric bikes on the Czech market. The steel construction protects the station from mechanical damage and adverse weather conditions.



Basic information

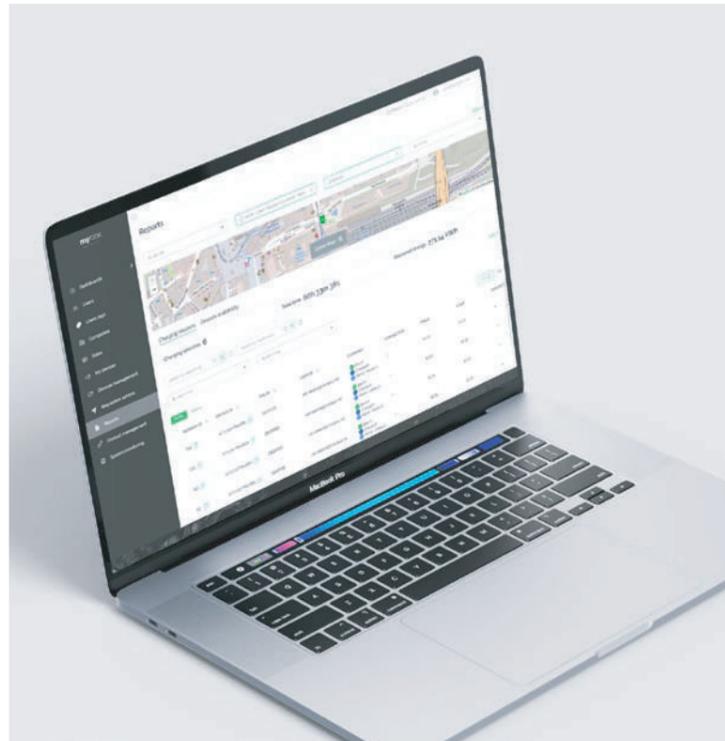
Coverage	IP54 / IK10
Surface material	Stainless steel / painted steel, composite
Status indication	Status LED diodes
Operating temperature	-25°C to +45°C
Dimensions (W x H x D)	330x450x116 mm
Weight	15 kg
Supply power	230 V AC, EU plug or CYKY cable
Output	4x XLR-F connector with lock, 42 V DC, 4 A
Protection	Includes 10B circuit breaker and 2.5 A T fuses
Access Security	Keyed door lock
Installation	Mounting plate with three screws for wall, fence or stand

Optional accessories

USB connectors	4x USB A fast charging function QC 3.0 A
Stand	Steel stand
Front side coating	Possibility to cover the front side with your own design
Remote control	Mobile app with consumption information

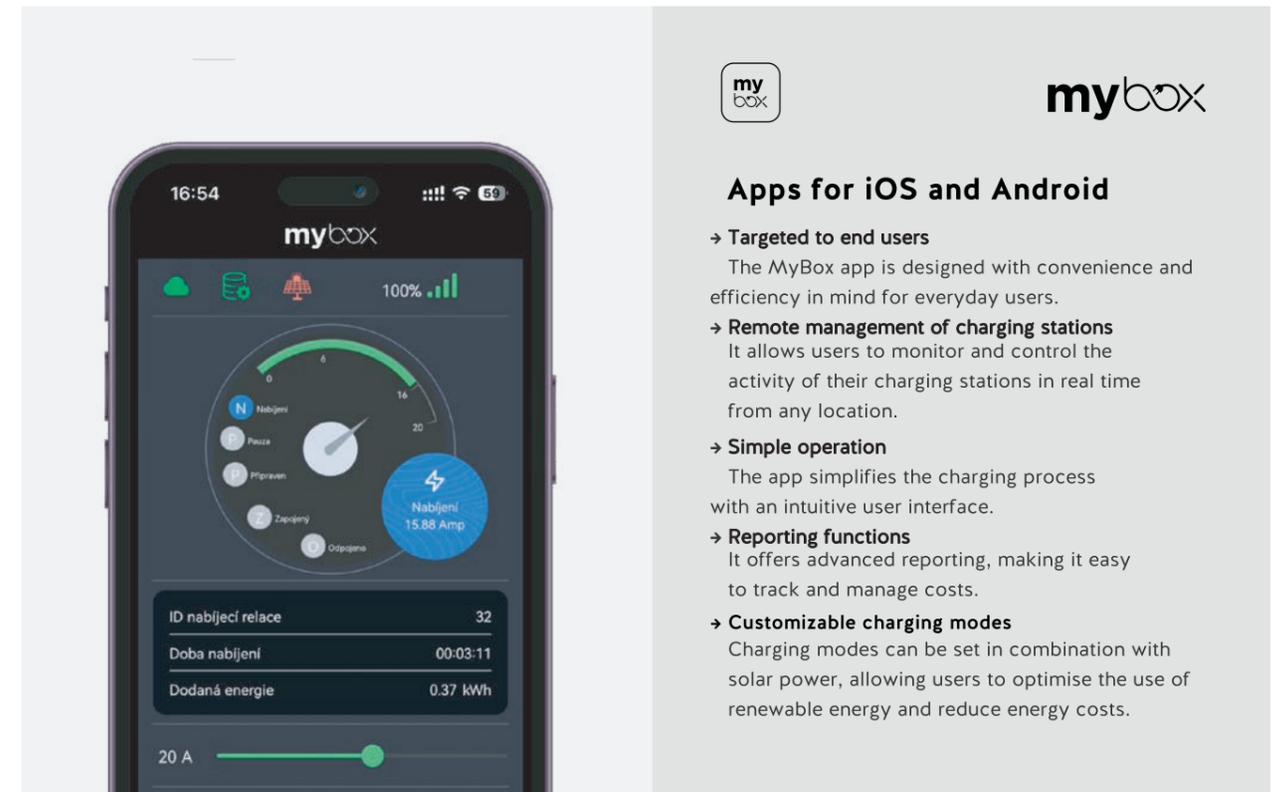
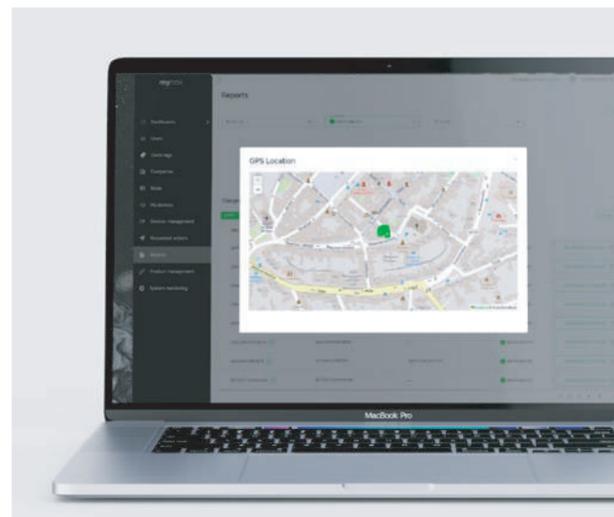


App and cloud



The cloud-based web application solution enables operators and charging station managers to efficiently manage and monitor charging stations remotely. This includes software updates, problem diagnostics and usage data collection, including extensive statistics on corporate and private charging.

Manage users, RFID chips and charging processes from one place.



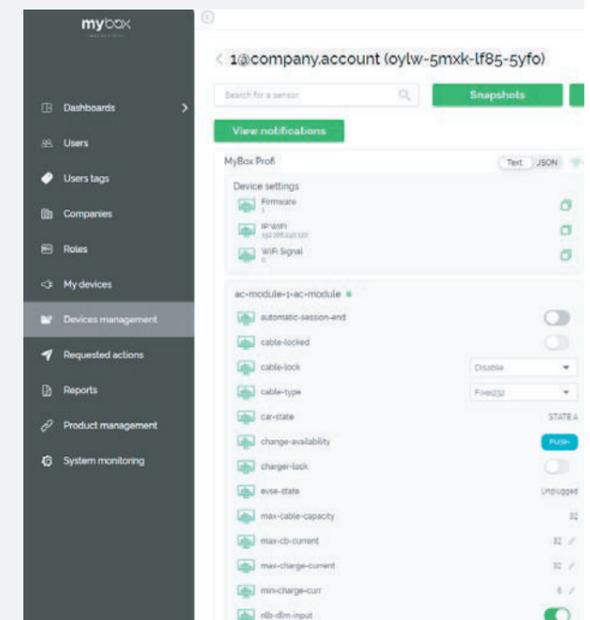
Apps for iOS and Android

- **Targeted to end users**
The MyBox app is designed with convenience and efficiency in mind for everyday users.
- **Remote management of charging stations**
It allows users to monitor and control the activity of their charging stations in real time from any location.
- **Simple operation**
The app simplifies the charging process with an intuitive user interface.
- **Reporting functions**
It offers advanced reporting, making it easy to track and manage costs.
- **Customizable charging modes**
Charging modes can be set in combination with solar power, allowing users to optimise the use of renewable energy and reduce energy costs.

Easy device management.

Cloud MyBox

- Cloud MyBox is available directly in your web browser, allowing you to easily and quick access from anywhere.
- Designed for **fleet managers**, energy managers and **company executives** - ideal for professionals who need efficient fleet and energy management.
- Offers users complete control over charging stations and user accounts, ensuring optimal management and efficiency.
- Allows easy management and assignment of RFID cards
- Allows direct and remote control of all charging stations, including convenient setting of station parameters.
- Cloud MyBox does not interfere with **CPO setup via OCPP**, which ensures smooth integration.
- **Advanced statistics** and settings for better management and planning of energy needs



MyBox ARM Unit



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Evaluation unit

- Control of up to 80 charging points
- Based on Linux operating system for stability and flexibility
- Ability to send up-to-date status information charging points to any device
- Functions for measuring and evaluating efficiency of the entire power system
- Possibility to monitor and control several groups charging points at the same time and for connection paths or transformers
- Prioritization of charging points as required
- Measurement-based control (e.g. using MyBox AC sensor)
- Flexible control according to input data from different sources (MAR, external controllers)

MyBox AC Sensor



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Evaluation unit

- Real-time current measurement on 3 phases
- Sending the measured data (to the control unit)
- Communication via RS485 or WiFi wireless communication
- Pairing with the control unit via mobile app or web administration

Measuring current coils

- 3 measuring current transformers (coils) for connection to the sensor evaluation unit
- Measurement up to 80 A per phase

Dynamic load management.

Basic information

Title	MyBox ARM Unit
Pcs/pack	1
Product code	MBxARM
Dimensions	70x90x60 mm
Country of origin	CZ
Weight	198 g

Technical data

Electrical properties	
Supply voltage	24 V DC
Maximum power input	12 W

Device Interface

Network Interface	Ethernet
Number of interfaces	1
Transfer rate	100 Mbbps
Supported protocols	HTTP, HTTPS, MQTT, Modbus/RTU
Other interfaces	RS485, RS232, USB

Dynamic load management.

Basic information

Title	MyBox AC Sensor
Pcs/pack	1
Product code	MBXDLM3P
Dimensions	90 x 65 x 28 mm
Country of origin	CZ
Weight	85 g

Technical data

Electrical properties	
Supply voltage	12 V DC
Supply voltage range	11,4 V DC - 12,6 V DC
Maximum power input	1.2A

Device Interface

Wi-Fi network interface	IEEE 802.11 b/g/n
Number of interfaces	1
Transfer rate	150 Mbbps
Supported protocols	HTTP, HTTPS, MQTT, Modbus/RTU
Other interfaces	RS485

Measuring current coils

Maximum current	80 A
Working voltage	720 V
Frequency range	50 Hz - 1 kHz



Individual solutions

Custom design and choice of materials

We offer a unique solution for electric vehicle charging stations that combines functionality with individual style. Our charging stations are not just a simple technical device, they become part of your corporate identity or personal expression.



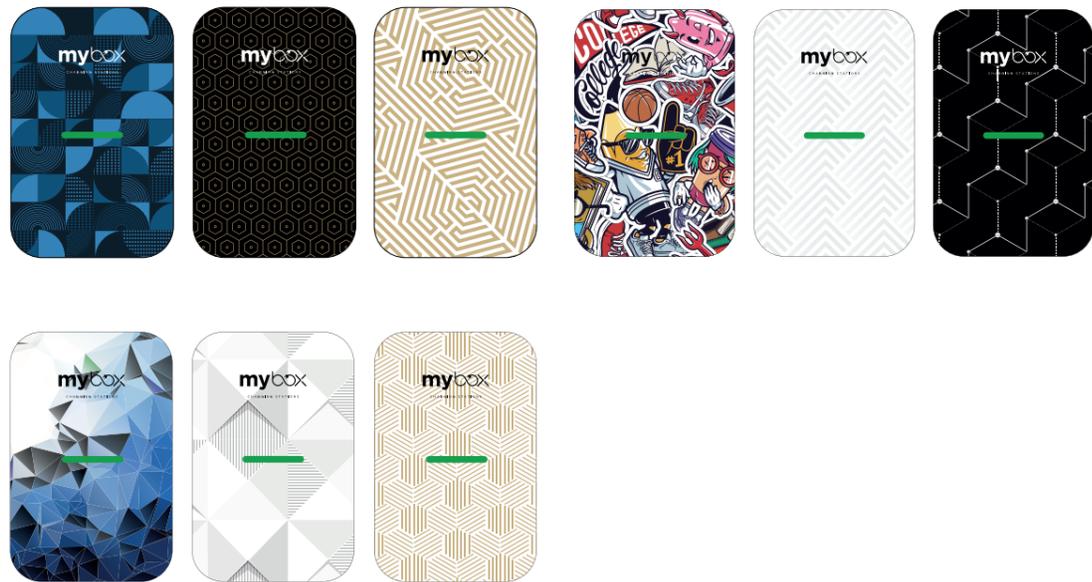
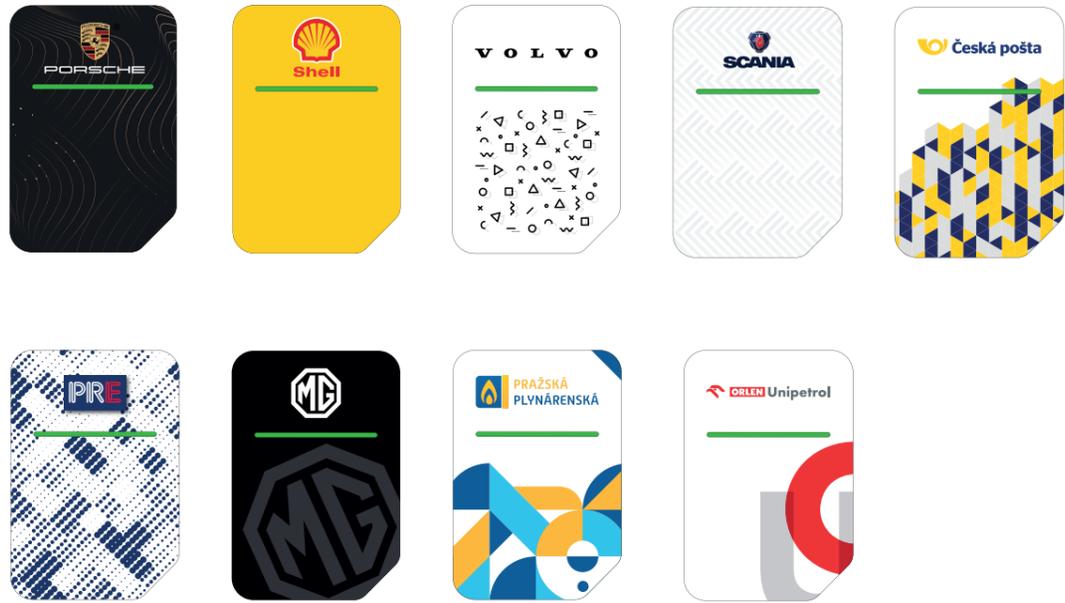
Why choose personalised design?

A custom design, incorporating your company logo or colours, can contribute to your brand recognition.

Thanks to the choice of materials, such as wood or carbon, and the possibility of individual printing, the station can blend in perfectly with the surrounding environment.

Indoor solutions





Outdoor solutions



mybox

CHARGING STATIONS



MyBox.eco