

# For companies and households

Station



smart LED indication

socket Type 2

RFID reader

mybox

- Station with power 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

## Basic information

Coverage	IP54/IK10 (unplugged) IP44/IK10 (plugged)
Surface material	plastic and tempered glass
Status indication	RGB color indicator
Operation temperature	-30°C to +50°C
Operating humidity	5 to 95% non-condensing
Dimensions (W x H x D)	160 x 1000 x 120 mm
Weight	14 kg

## Optional accessories

Hardwired cable	straight or twisted Type 2
Char. cable accessories	cable holder
Customizing the look	front printing
Circuit breaker	MCB (characteristics B) 32A
Current protector	RCD type A (30 mA)
Surge protection	lightning arrester/ surge arrester
Communication	LAN (ethernet)
RFID reader	ISO-14443 A&B, NFC, Mifare, Legic
Electricity meter	MID class 1 - EN50470-1, EN50470-3
Socket	Socket 230V

## Technology

Communication	Ethernet (TCP/IP), WiFi b/g/n, Modbus / RS485, 1-wire, Serial TTL
Protocols	OCPP 1.6, Modbus TCP / RTU, MQTT broker / client
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



CHARGING STATIONS



## MyBox Park Station

### Available models

<b>Model</b>	Plus 22 kW	<b>Maximum output power per connector</b>	22 kW
<b>AC supply power</b>	3P + N + PE	<b>Maximum output current per connector</b>	3 × 32 A
<b>AC voltage</b>	400 V (±10 %)	<b>AC output voltage</b>	400 V (3P+N+PE)
<b>Maximum input current</b>	3 × 32 A	<b>Connecotr</b>	Socket type 2 or integrated cable
<b>Maximum output power</b>	22 kW		
<b>Number of connectors</b>	1		