

# For companies and households



mybox

- 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

## Basic information

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

## Optional accessories

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

## Technology

<b>Communication</b>	Ethernet (TCP-IP), MICRO-USB Typ C
<b>Protocol</b>	OCPP 1.6J, Modbus/TCP, MQTT
<b>RFID reader</b>	ISO-14443 A&B, NFC, Mifare, Legic
<b>Electricity meter</b>	MID class 1 – EN50470-1, EN50470-3
<b>Power control</b>	mode 3 PWM according to ISO/EIC 61851-1
<b>Multi-station connection</b>	Master/slave connection (up to 24 charging points) including dynamic charging power control
<b>Circuit breaker</b>	2x MCB (characteristics B) 32 A
<b>Current protector</b>	2x RCD type A (30 mA), 2x sensor RCM 6 mA DC leakage detector
<b>Socket protection Type 2</b>	Connector lock
<b>Access Security</b>	keyed door lock

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CHARGING STATIONS



## MyBox Post

### Available models

<b>Model</b>	Post 2x 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>	3x 32 A
<b>AC voltage</b>	400 V ( $\pm 10\%$ )	<b>AC output voltage</b>	400 V (3P+N+PE)
<b>Maximum input current</b>	3x 64 A	<b>Connector</b>	2x Type 2 socket or integrated cable
<b>Maximum output power</b>	44 kW		
<b>Number of connectors</b>	2		