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

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	antigrafits
Surge protection	lightning arrester/ surge arrester
Communication	4G/LTE, Wifi , VPN

Technology

Communication	Ethernet (TCP-IP), MICRO-USB Typ 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	2x MCB (characteristics B) 32 A
Current protector	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

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CHARGING STATIONS

MyBox Post

Available models

Model	Post 2x 22 kW
AC supply power	3P + N + PE
AC voltage	400 V (±10 %)
Maximum input current	3x 64 A
Maximum output power	44 kW
Number of connectors	2

Maximum output power per connector	22 kW
Maximum output current per connector	3x 32 A
AC output voltage	400 V (3P+N+PE)
Connector	2x Type 2 socket or intagrated cable

www.mybox.eco

Elexim, a.s. / Riegrovo nám. 179/14 / 767 01 Kroměříž / Czech republic