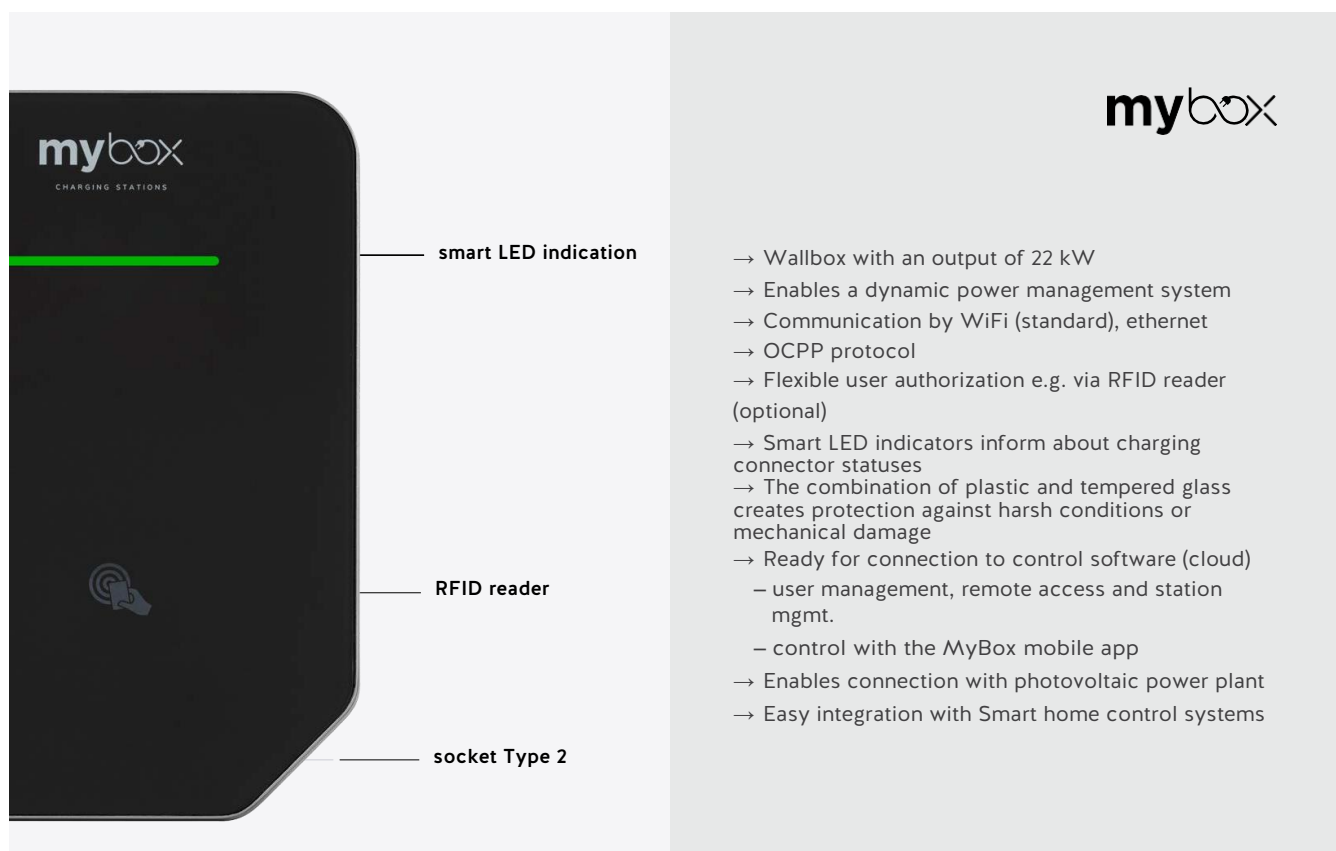


For companies and households

wallbox



- 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

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
Operating humidity	5 to 95% noncondensing
Dimensions (W x H x D)	280 x 410 x 120 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 (characteristics B) 32A
Current protector	RCD type A (30 mA)
Surge protector	lighting arrester / surge arrester
RFID reader	ISO-14443 A&B, NFC, Mifare, Legic
Electricity meter	MID class 1 – EN50470-1, EN50470-3

Technology

Communication	WiFi b/g/n, Modbus / RS485, 1-wire, Serial TTL, Ethernet TCP/IP (optional)
Protocols	OCPP 1.6, Modbus TCP / RTU, MQTT broker / client
Power control	mode 3 PWM according to ISO/EIC61851-1
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

mybox

CHARGING STATIONS



MyBox Plus

wallbox

Available models

Model	Plus 22 kW
AC power supply	3P + N + PE
AC voltage	400 V ($\pm 10\%$)
Maximum input power	3 x 32 A
Maximum output power	22 kW
Number of connectors	1

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