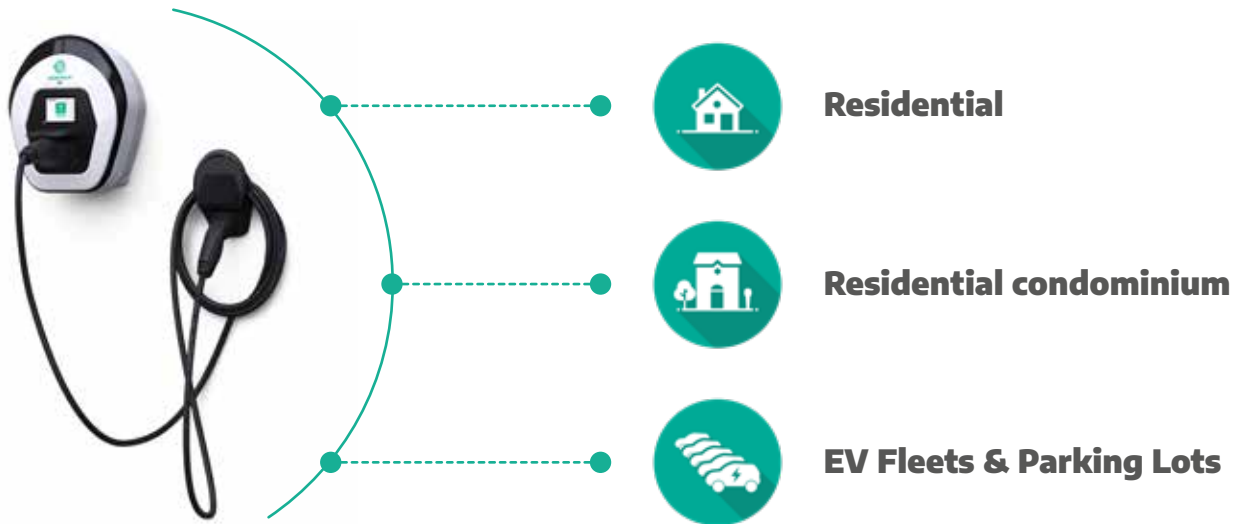




# ProWallbox

Portfolio

# eProWallbox chargers are designed to best adapt to a wide range of uses, including residential and commercial applications



**eProWallbox chargers** ensure an innovative user experience charging up to 22 kW and integrating advanced functionalities.

Through the **eSolutions Charging app**, **eProWallbox chargers** can be managed remotely, starting and stopping a session, scheduling, monitoring it and more.



**eProWallbox chargers** are also ideal for charging EV fleets, allowing the provider of charging infrastructure to operate a set of smart charging and monitoring functions exploiting their compatibility with different back-end platforms.

Thanks to **RFID technology** and its safe and secure design, **eProWallbox chargers** can be installed also in open garages or in condominium parking lots.



Developed and designed in Italy, **eProWallbox** is a portfolio of smart and highly adaptable EV chargers thanks to their features

## eProWallbox

Including all the connectivity features **eProWallbox** is able to satisfy every charging need, making possible the implementation of large and smart charging systems and adapting to a wide range of business and residential settings



## eProWallbox Explore

Thanks to its key functionalities, **eProWallbox Explore** is ideal to be set as Slave in a Master & Slave group configuration, for a more cost-effective system



## eProWallbox Move

Being the most essential among eProWallbox chargers, **eProWallbox Move** is suitable for customers who are approaching to eMobility and look for an affordable but smart solution, without compromising quality



## eProfessional

The integrated power cable with 32 A industrial plug makes **eProfessional** the best product for industrial settings, allowing the installation of the device without additional and expensive electrical works





### A wide range of connectivity options

**eProWallbox chargers** integrate the best connectivity features to provide smart control both to users and fleet managers, including internet connection provided via 4G or Wi-Fi.

Thanks to Bluetooth connectivity, **eProWallbox chargers** can be interfaced and configured with **eSolutions Charging app** locally, without internet connection.



### Authorization modes

Customers can choose their preferred authorization mode and be authorized for charging through an **RFID card** or by using the **eSolutions Charging app**.



### User-friendly HMI

**eProWallbox chargers'** HMI provides information in real-time on charging status.

Moreover, in most advanced charger models, the **touchscreen display** further improves user experience giving real time charging data and possibility to control charging process and wallbox settings.





## Load management functionalities

**eProWallbox chargers** integrate an updated **Dynamic Power Management (“DPM”)** optional feature, a smart function that modulates the charging process according to the available power, **avoiding unpleasant blackouts**. DPM can be enabled by installing the optional external sensor.



## Master-Slave configuration

**eProWallbox chargers** are cost-effective, flexible and upgradable solutions for larger systems thanks to the **Master-Slave configuration**, where Slave chargers are equipped with essential hardware while the Master charger manages the charging process.



## Energy Management Systems

**eProWallbox chargers** can be integrated with commercial Energy Management Systems (EMS/ HEMS), becoming part of buildings' ecosystem. The charging process is controlled by the EMS for an optimized use of power, depending on on-site production and consumption.



## Advanced back-end functionalities

**eProWallbox chargers** are OCPP 1.6 and **compatible with most commercial back-end platforms**, providing the charging station owner with different choices to monitor the asset such as smart charging.



## Over-The-Air remote software upgrade

**eProWallbox chargers** are future proof thanks to remote software updates. This feature will **minimize the needs of physical intervention**, allowing continuous release of new features.



## Best-In-Class robustness

Designed for outdoor environments, **eProWallbox chargers** ensure **long-lasting and safe operation**, thanks to an IP55 enclosure.

The covered socket with built-in protective shutter **protects against accidental or intentional access** and damage.





## Technical specification

### eProWallbox

#### Description

Recharging Mode	Mode 3 - case B	Mode 3 - case C
Connector Standard	IEC 62196-2 Type2	
Connection features	Socket with lid and internal shutter	Tethered cable
CE Mark	✔	

#### General Specs

Dimensions	403x336x190mm
Weight	~ 3.8 kg (without cable)
Protection degree	IP55 (IEC 60529)
Impact protection rating	IK08 (IEC 62262)
Housing	UV resistant plastic
Standard body color	Black - RAL 9011 White - RAL 9003
Custom body color	✔ Optional
Custom branding	✔ Optional

#### Electrical Specs

Power [kW]	Up to 7.4 single-phase Up to 22 three-phase
Voltage [V/Hz]	230 / 50-60 single-phase 400 / 50-60 three-phase
Current [A]	Up to 32
Electrical installation	3P + N + PE, 32A, 400 V / 50-60 Hz P + N + PE, 32 A, 230 V / 50-60 Hz
AC power system	TT, TN, IT

#### Safety and Operation

Operating Temperature range [°C]	-25°C/+50°C (without direct exposure to sunlight)
Overheating protection	✔
Humidity Resistance	< 95% (non condensing)
Housing fire ratings	UL94 V-0   GWFI 960
Overvoltage category	OVC III
Residual current monitoring	✔ 6 mA DC sensitive RCM device included for DC-leakage
Maximum installation height [m]	2000 a.s.l.
Mounting	Wall or optionally on a dedicated pole

#### Connectivity and Features

RS-485 Modbus RTU	✔
Ethernet	✔
Bluetooth LE 4.0	✔
Wi-Fi	✔
4G / LTE	✔
OCPP 1.6	✔
Mobile App	✔
RFID reader	✔
HMI	✔ 3.5" TFT touchscreen display
Over-the-air SW upgrade	✔
Energy Meter (built-in)	✔ not MID ✔ Static
Load management (Static and Dynamic)	✔ Dynamic w/ Ext. Sensor 1 ph (Opt. If requested) ✔ Dynamic w/ Ext. Sensor 3 ph (Opt. If requested)
ISO 15118	✔
Current phase unbalancing detection	✔
CPMS	✔



# eProWallbox Explore

## Technical specification

### eProWallbox Explore

#### Description

RechargingMode	Mode 3 - case B	Mode 3 - case C
Connector Standard	IEC 62196-2 Type2	
Connection features	Socket with lid and internal shutter	Tethered cable
CE Mark	✔	

#### General Specs

Dimensions	403x336x190mm
Weight	~ 3.8 kg (without cable)
Protectiondegree	IP55 (IEC 60529)
Impact protectionrating	IK08 (IEC 62262)
Housing	UV resistantplastic
Standard body color	Black - RAL 9011 White - RAL 9003
Custom body color	✔ Optional
Custom branding	✔ Optional

#### Electrical Specs

Power [kW]	Up to 7.4 single-phase Up to 22 three-phase
Voltage [V/Hz]	230 / 50-60 single-phase 400 / 50-60 three-phase
Current [A]	Up to 32
Electrical installation	3P + N + PE, 32A, 400 V / 50-60 Hz P + N + PE, 32 A, 230 V / 50-60 Hz
AC power system	TT,TN,IT

#### Safetyand Operation

Operating Temperature range [°C]	-25°C/+50°C (without direct exposure to sunlight)
Overheatingprotection	✔
HumidityResistance	< 95% (non condensing)
Housing fireratings	UL94 V-0   GWFI 960
Overvoltagecategory	OVC III
Residualcurrentmonitoring	✔ 6 mA DC sensitive RCM device included for DC-leakage
Maximum installationheight [m]	2000 a.s.l.
Mounting	Wall or optionally on a dedicated pole

#### Connectivity and Features

RS-485 Modbus RTU	✔
Ethernet	✔
Bluetooth LE 4.0	✔
Wi-Fi	✔
4G / LTE	✘
OCPP 1.6	✔
Mobile App	✔
RFID reader	✔
HMI	✔ 3.5" TFT touchscreen display
Over-the-air SW upgrade	✔
Energy Meter (built-in)	✔ not MID ✔ Static
Load management (Static and Dynamic)	✔ Dynamic w/ Ext. Sensor 1 ph (Opt. If requested) ✔ Dynamic w/ Ext. Sensor3 ph(Opt. If requested)
ISO 15118	✘
Current phase unbalancing detection	✔
CPMS	✔



# ProWallbox Move

## Technical specification

### eProWallbox Move

#### Description

Recharging Mode	Mode 2 - case B	Mode 2 - case C
Connector Standard	IEC 62196-2 Type2	
Connection features	Socket with lid and internal shutter	Tethered cable
CE Mark	✔	

#### General Specs

Dimensions	403x336x190mm
Weight	~ 3.8 kg (without cable)
Protection degree	IP55 (IEC 60529)
Impact protection rating	IK08 (IEC 62262)
Housing	UV resistant plastic
Standard body color	Black - RAL 9011 White - RAL 9003
Custom body color	✔ Optional
Custom branding	✔ Optional

#### Electrical Specs

Power [kW]	Up to 7.4 single-phase Up to 22 three-phase
Voltage [V/Hz]	230 / 50-60 single-phase 400 / 50-60 three-phase
Current [A]	Up to 32
Electrical installation	3P + N + PE, 32A, 400 V / 50-60 Hz P + N + PE, 32 A, 230 V / 50-60 Hz
AC power system	TT, TN, IT

#### Safety and Operation

Operating Temperature range [°C]	-25°C/+50°C (without direct exposure to sunlight)
Overheating protection	✔
Humidity Resistance	< 95% (non condensing)
Housing fire ratings	UL94 V-0   GWFI 960
Overvoltage category	OVC III
Residual current monitoring	✔ 6 mA DC sensitive RCM device included for DC-leakage
Maximum installation height [m]	2000 a.s.l.
Mounting	Wall or optionally on a dedicated pole

#### Connectivity and Features

RS-485 Modbus RTU	✔
Ethernet	✔
Bluetooth LE 4.0	✔
Wi-Fi	✔
4G / LTE	✘
OCPP 1.6	✔
Mobile App	✔
RFID reader	✘
HMI	Color LEDs Bar
Over-the-air SW upgrade	✔
Energy Meter (built-in)	✔ not MID ✔ Static
Load management (Static and Dynamic)	✔ Dynamic w/ Ext. Sensor 1 ph (Opt. If requested) ✔ Dynamic w/ Ext. Sensor 3 ph (Opt. If requested)
ISO 15118	✘
Current phase unbalancing detection	✔
CPMS	✔



## Technical specification

### eProfessional

#### Description

Recharging Mode	Mode 2 with Industrial Plug - case B	Mode 2 with Industrial Plug - case C
Connector Standard	IEC 62196-2 Type2	
Connection features	Socket with lid and internal shutter	Tethered cable
CE Mark	✔	

#### General Specs

Dimensions	403x336x190mm
Weight	~ 5.3 kg (without cable)
Protectiondegree	IP55 (IEC 60529)
Impact protectionrating	IK08 (IEC 62262)
Housing	UV resistantplastic
Standard body color	Black - RAL 9011 White - RAL 9003
Custom body color	✔ Optional
Custom branding	✔ Optional

#### Electrical Specs

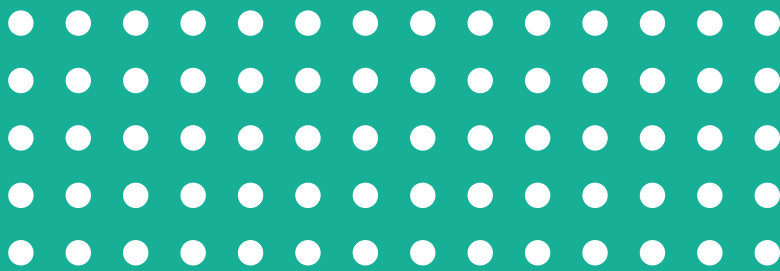
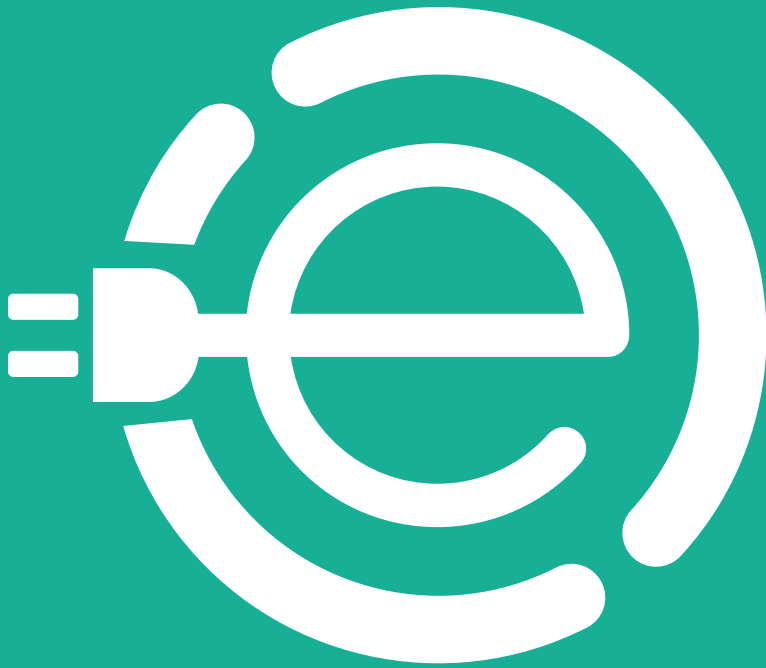
Power [kW]	Up to 22 three-phase
Voltage [V/Hz]	400 / 50-60 three-phase
Current [A]	Up to 32
Electrical installation	3P + N + PE, 32A, 400 V / 50-60 Hz
AC power system	TT,TN,IT

#### Safetyand Operation

Operating Temperature range [°C]	-25°C/+50°C (without direct exposure to sunlight)
Overheatingprotection	✔
HumidityResistance	< 95% (non condensing)
Housing fireratings	UL94 V-0   GWFI 960
Overvoltagecategory	OVC III
Residualcurrentmonitoring	✔ 6 mA DC sensitive RCM device included for DC-leakage
Maximum installationheight [m]	2000 a.s.l.
Mounting	Wall or optionally on a dedicated pole

#### Connectivity and Features

RS-485 Modbus RTU	✔
Ethernet	✔
Bluetooth LE 4.0	✔
Wi-Fi	✔
4G / LTE	✘
OCPP 1.6	✔
Mobile App	✔
RFID reader	✘
HMI	Color LEDs Bar
Over-the-air SW upgrade	✔
Energy Meter (built-in)	✔ not MID
Load management (Static and Dynamic)	✔ Static ✔ Dynamic w/ Ext. Sensor3 ph(Opt. If requested)
ISO 15118	✘
Current phase unbalancing detection	✔
CPMS	✔



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