

**METRON**

# Wall-mounted EV CHARGING STATIONS



## Standard



## Features & benefits

- AC charging power up to 22 kW [3-phase] and up to 7.4 kW [1-phase]
- Available with built-in charging cable [straight or spiral self-folding] with Type 2 plug [optional Type 1 or Type 3] or Type 2 charging socket
- Steel enclosure for the highest possible fire safety - easy installation on polystyrene facades, wooden buildings, garages, etc.
- 100% modular design ensures on-site upgradability and reparability in max. 15 minutes without having to send it to a workshop
- 100% silver-plated and multi-contact charging contacts in the plug/socket for good contact even after more than 20 years of use
- Built-in 30 mA/6mA RCD protection and automatic fuse - both with a short circuit breaking capacity of 10,000 A to ensure the highest possible level of safety for the user
- Built-in charging power contactor with 63 A current rating for a long life operation [20 years+]
- Built-in Metron Charge Control application
- Hardwired or wireless DYNAMIC LOAD MANAGEMENT [DLM] for protecting main house fuses, adding solar power plant power to maximize charging power/speed and "green" solar surplus charging
- OCPP 1.6J communication for commercial marketing of charging services [pay & charge] and/or control of charging energy consumption.
- ISO 15118 High-level communication module with AutoCharge automatic vehicle charging authorization and future V2G capability
- RFID reader for ISO/IEC 14443A compatible MIFARE cards/tags
- OTA [over-the-air] updates for Charge Control App and OCPP 1.6J module
- Tesla remote charge port opener / charging plug unlocker
- Certified for residential and business/commercial use
- Compatible with all electric vehicles

## Models & sizes

Metron wall-mounted EV charging stations are designed for long life operation and work as independent units or connected to cloud backend systems.

**STANDARD** stations save space and are easy to operate, making them an ideal solution for both residential and heavy duty business use.

**DUO** stations integrate two charging points in one enclosure what provides a highly integrated and compact solution.

Both models are also available in "+" configuration that include WiFi Metron Charge Control App, Metron Dynamic Power Control with smart solar surplus charging, RFID user identification, OCPP communication module for the commercial charging services and ISO 15118 High-level communication module for automatic charging authorization [AutoCharge] and future V2G capability.



**PREMIUM FIREPROOF ENCLOSURE**  
powder coated steel and tempered glass



**INDOOR & OUTDOOR MOUNTING**  
IP54 protection on all models

## Duo

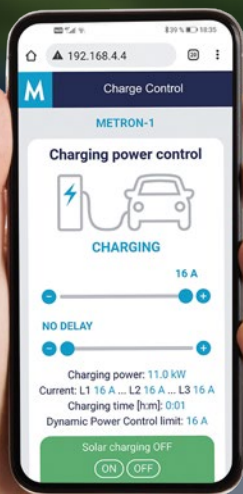


Technical data		Standard	Duo
Number of charging points		1	2
Plug or socket type		Type 2 [IEC 62196]*	Tip 2 [IEC 62196]*
Max charging power	1-phase	3.7 kW or 7.4 kW	2 × 3.7 kW or 2 × 7.4 kW
	3-phase	11 kW or 22 kW	2 × 11 kW or 2 × 22 kW
Max charging current	1-phase	1×16 A [3.7 kW] or 1×32 A [7.4 kW]	2×16 A [3.7 kW] or 2×32 A [7.4 kW]
	3-phase	3×16 A [11 kW] or 3×32 A [22 kW]	2×3×16 A [11 kW] or 2×3×32 A [22 kW]
Operating voltage	1-phase	180 V to 270 V	180 V to 270 V
	3-phase	310 V to 470 V	310 V to 470 V
WiFi Metron Charge Control App		yes, “+” models only	yes, “+” models only
RFID card reader		optional for “+” models only	optional for “+” models only
OCPP 1.6J module		optional for “+” models only	optional for “+” models only
ISO 15118 communication module		optional for “+” models only	optional for “+” models only
Ambient temp. range		from -30 °C to +50 °C	from -30 °C to +50 °C
Weight		Approx. 8 – 10 kg	Approx. 16 – 20 kg
Dimensions [W x H x D]		340 mm x 240 mm x 100 mm	500 mm x 370 mm x 100 mm

\* Type 1 or Type 3 plug optional.

## Metron Charge Control application

Each "+" station has built-in WiFi access point with preloaded METRON Charge Control App (web server) what enables users to locally connect to it wirelessly by any smart phone, tablet or laptop PC without installing any additional program/application and even without the internet. The Charge Control app provides user-friendly, intuitive charging control for any electric vehicle.



- ✓ Unit configuration
- ✓ Real-time monitoring
- ✓ Charging data history
- ✓ OTA software upgrade
- ✓ Issue management

## Personalized & stylish

We offer design customization options for larger orders. Select your desired color scheme of powder coated steel enclosure and custom laser engraving of your company logo on the front tempered glass plate. Let us help you find a style that suits you best.

