

# TeltoCharge



## THE FUTURE OF CHARGING ON YOUR WALL

Easy, smart and reliable EV charger that you can customize to your needs. We offer an exceptional product that combines functionality, premium looks, high-quality build and smart EV charging features to save you time and money.

# TECHNICAL DATASHEET



## DIMENSIONS



## COLOR OPTIONS



## FRONT PLATE FINISH



## OUTPUT OPTIONS



## CONNECTIVITY TYPES



# KEY BENEFITS



## POWERFUL

Up to 22 kW of charging capacity, allowing you to quickly charge your EV.



## CONNECTED

Connect TeltoCharge to 3rd party OCPP Cloud platform via Wi-Fi/LAN/GSM. Or manage it with mobile device via Bluetooth.



## COMPATIBLE

It is compatible with every electric vehicle and Plug-in (PHEV) hybrid now and in the future.



## SECURE

Quick and easy EV charging authorization with NFC card or application, to prevent unwanted use.



## CONVENIENT

Dynamic LED lights showing charging status, authentication and more.



## RELIABLE

TeltoCharge is IP55 and IK10 rated, meaning that it can withstand even the harshest outdoors weather.

# DETAILED SPECIFICATIONS



## CONNECTION POINT

- A** Tethered cable with Type 2 outlet (IEC 62196-2)
- B** Type 2 socket (IEC 62196-2)



## CERTIFICATIONS

CE & UKCA compliant

Codes and standards:  
 EMC: 2014/53/EU, IEC 61851-21;  
 Safety: IEC/EN 61851-1;  
 Environment: 2011/65/EU, REACH, RoHS



## WARRANTY

36 months



## DEVICE CONNECTIVITY

|                                  |     |
|----------------------------------|-----|
| WiFi 2.4 GHz b/g/n connection    | Yes |
| Bluetooth low energy             | Yes |
| Local management via APP         | Yes |
| NFC reader                       | Yes |
| OCPP 1.6                         | Yes |
| Ethernet (RJ45)                  | Yes |
| 4G/LTE (CAT1), 3G, 2G (optional) | Yes |



## PROTECTION

|  |      |
|--|------|
| Output voltage and current monitoring                                      | Yes  |
| Temperature monitoring   | Yes  |
| Input voltage monitoring   | Yes  |
| Residual current monitoring (30mA AC / 6 mA DC)<br>Standart: IEC62752:2016 | Yes  |
| Ground fault detection   | Yes  |
| Degree of protection   | IP55 |
| Impact resistant   | IK10 |
| Fire class   | UL94 |



## TETHERED CABLE

|                        |               |
|------------------------|---------------|
| Flame retardant rating | UL-94V-0      |
| Operating temperature  | -30°C - +50°C |
| Plug and play count    | 10000         |
| Cable length           | 5 m / 7.5 m   |
| IP rating              | IP55          |
| Socket                 | Type 2        |



## CHARGING SPECIFICATION

Max 22kW  
 Up to 7.36kW at 32A 1 phase  
 Up to 22kW at 32A 3 phase  
 Dynamic configuration



## NETWORK TYPE

T/N and IT/TT



## VOLTAGE

Single phase: 230 V (±10%)  
 Three phase: 400 V (±10%)



## MAIN FREQUENCY

50/60 Hz



## OPERATING SPECIFICATIONS

Humidity to 95% RH non condensing;  
 -30°C - +50°C



## TEMPERATURE SENSORS

In all main components



## LED LIGHTS

LEDs showing the status of the charger



## BUILT-IN ENERGY METER

Statistical data tracking Yes



## LOAD BALANCING

|                         |          |
|-------------------------|----------|
| Static load balancing   | Yes      |
| Dynamic load balancing  | Yes      |
| Phase balancing         | Yes      |
| Dynamic load management | Q4, 2022 |



# TELTOCHARGE PRODUCT CODES

| PRODUCT GROUP | PRODUCT CODE | FRONT PANEL COLOR | CHARGING CAPACITY | OUTPUT  | MODEM                 |
|---------------|--------------|-------------------|-------------------|---|-----------------------|
| EVC100        | EVC1000P4011 | Slate grey        | 7.4kW             |  type 2 socket       | -                     |
|               | EVC1010P1000 | Slate grey        | 7.4kW             |  type 2 cable (5m)   | -                     |
| EVC101        | EVC1010W1011 | Accoya wood       | 7.4kW             |  type 2 cable (5m)   | -                     |
|               | EVC1100P4011 | Slate grey        | 11kW              |  type 2 socket       | -                     |
| EVC110        | EVC1010P1000 | Slate grey        | 11kW              |  type 2 cable (5m)  | -                     |
|               | EVC1110W1011 | Accoya wood       | 11kW              |  type 2 cable (5m) | -                     |
| EVC111        | EVC1200P4011 | Slate grey        | 22kW              |  type 2 socket     | -                     |
|               | EVC1201P4011 | Slate grey        | 22kW              |  type 2 socket     | Quectel EG91-EX modem |
| EVC120        | EVC1210P1000 | Slate grey        | 22kW              |  type 2 cable (5m) | -                     |
|               | EVC1210W1011 | Accoya wood       | 22kW              |  type 2 cable (5m) | -                     |
| EVC121        | EVC1211P1000 | Slate grey        | 22kW              |  type 2 cable (5m) | Quectel EG91-EX modem |
|               | EVC1211W1011 | Accoya wood       | 22kW              |  type 2 cable (5m) | Quectel EG91-EX modem |

# TELTONIKA ENERGY APP

Manage all your device settings from your mobile phone or tablet through the Teltonika Energy application.

- > Pair your EV charger with your phone through smart Teltonika Energy application via Bluetooth Low Energy connection.
- > Set up your device and get access to your consumption.
- > Monitor the status of your charger.
- > Schedule charging when the power is cheapest.
- > View your statistics in real time.
- > Set the charging current according to your needs.
- > Lock your charger to protect it from unwanted users and more.

Compatible with your device



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