

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

A



DIMENSIONS



Width
170mm



Height
341mm



Depth
94mm

COLOR OPTIONS



Slate
Grey



Accoya
Wood

FRONT PLATE FINISH



B



OUTPUT OPTIONS

A



Type 2 cable

B



Type 2 socket

CONNECTIVITY TYPES



Ethernet port



WiFi



GSM (optional)



Bluetooth



RFID (NFC)



Modbus/RS485

OCPP 1.6

App

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



APPLICATION CONNECTIVITY

Bluetooth low energy Yes

CHARGER CONNECTIVITY

WiFi 2.4 GHz b/g/n connection 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) Yes*
Standard: IEC62752:2016
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 IP54
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%)
Single phase: 400 V (±10%)



MAIN FREQUENCY

50/60 Hz



OPERATING SPECIFICATIONS

Humidity to 95% RH non condensing;
-30°C - +50°C
Storage temperature -30°C - +60°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

Statistic load balancing Yes
Dynamic load balancing Yes
Phase balancing Yes
Solar energy support Yes



*External RCD Type B required

TELTOCHARGE PRODUCT CODES

PRODUCT GROUP	PRODUCT CODE	FRONT PANEL COLOR	CHARGING CAPACITY	OUTPUT	MODEM
EVC100	EVC1000P4011	Slate grey	7.4kW	 type 2 socket	-
EVC101	EVC1010P1000	Slate grey	7.4kW	 type 2 cable (5m)	-
	EVC1010W1011	Wooden	7.4kW	 type 2 cable (5m)	-
EVC110	EVC1100P4011	Slate grey	11kW	 type 2 socket	-
EVC111	EVC1110P1000	Slate grey	11kW	 type 2 cable (5m)	-
	EVC1110W1011	Wooden	11kW	 type 2 cable (5m)	-
EVC120	EVC1200P4011	Slate grey	22kW	 type 2 socket	-
	EVC1201P4011	Slate grey	22kW	 type 2 socket	Quectel EG91-EX modem
EVC121	EVC1210P1000	Slate grey	22kW	 type 2 cable (5m)	-
	EVC1210W1011	Wooden	22kW	 type 2 cable (5m)	-
	EVC1211P1000	Slate grey	22kW	 type 2 cable (5m)	Quectel EG91-EX modem
	EVC1211W1011	Wooden	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



TeltoCharge

