

# 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



## FRONT PLATE OPTIONS



## FRONT PLATE FINISH



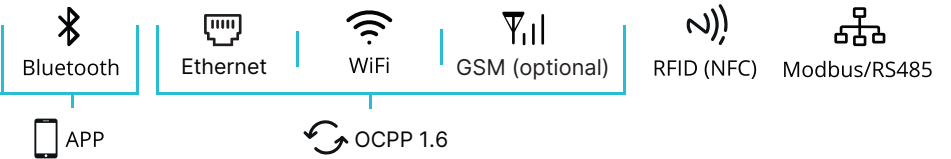
B



## OUTPUT OPTIONS



## CONNECTIVITY TYPES



# KEY BENEFITS



## CUSTOMIZABLE

1 charger - 5 design options. Interchangeable front plates with five front plate options.



## 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)
- C** GBT cable (GB/T20234)



## 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

In-built PEN fault protection Yes

Output voltage and current monitoring Yes

Temperature monitoring Yes

Input voltage monitoring Yes

RDC-DD (6 mA DC) Standard: IEC62955:2018 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

IP rating IP54

Socket Type 2

Optional GBT



## CHARGING SPECIFICATION

Up to 7.4kW at 32A 1 phase  
Dynamic configuration



## NETWORK TYPE

T/N and IT/TT



## VOLTAGE

Single phase: 230 V (±10%)



## MAIN FREQUENCY

50/60 Hz



## OPERATING SPECIFICATIONS

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

Operating temperature: -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

Solar energy support Yes

Static load balancing Yes

Dynamic load management Yes

Dynamic load balancing Yes







Options to enable it:

- > CT clamps (included as standard);
- > Smart Energy meter (not included into the package)



\*External RCD Type A required

# TELTOCHARGE PRODUCT CODES

PRODUCT GROUP	PRODUCT CODE	FRONT PANEL COLOR	CHARGING CAPACITY	OUTPUT	MODEM
EVC160	EVC1603P4001	Slate grey	7.4kW	 type 2 socket	Quectel EG91-EX modem
	EVC1602P4001	Slate grey	7.4kW	 type 2 socket	-
EVC161	EVC1612P1001	Slate grey	7.4kW	 type 2 cable (5m)	-
	EVC1613P1001	Slate grey	7.4kW	 type 2 cable (5m)	Quectel EG91-EX modem
	EVC1612P1401	Slate grey	7.4kW	 GBT cable	Quectel EG91-EX modem
	EVC1613P1401	Slate grey	7.4kW	 GBT cable	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



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