

TELTOCHARGE



THE FUTURE OF CHARGING ON YOUR WALL

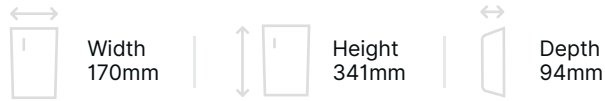
Easy, smart and reliable EV charger that you can customize to your needs. We offer an exceptional product that combines functionality, premium looks, high-quality build and smart EV charging features to save you time and money.

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 IP56 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 compliant;
 Codes and standards:
 EMC: 2014/53/EU, IEC 61851-21;
 Safety: IEC/EN 61851-1;
 Standard: IEC62955:2018
 Environment: 2011/65/EU, REACH, RoHS
 AS/NZS 2772-2:2016 (Annex E)
 AS/NZS 4268:2017 (Clause 6.4)
 RCM Supplier code number E9570



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
 Ground fault detection Yes
 Degree of protection IP56
 Impact resistant IK10
 Fire class UL94
 OVC Category II
 RDC-DD 6mA DC Yes
 External RCD Type A required Yes



TETHERED CABLE

Flame retardant rating UL-94V-0
 Plug and play count 10000
 Cable length 5 m / 7.5 m
 IP rating IP54
 Plug Type Type 2



CHARGING SPECIFICATION

Up to 7.4kW at 32A 1 phase
 Dynamic configuration



NETWORK TYPE

T/N and TT



VOLTAGE

Single phase: 230 V AC(± 10%)



MAIN FREQUENCY

50/60 Hz



OPERATING SPECIFICATIONS

Humidity to 90% RH non condensing;
 Operating temperature: -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

Solar energy support Yes
 Static load Yes
 Dynamic load balancing Yes
 Options to enable it:
 > CT clamps (included as standard);
 > Smart Energy meter (not included into the package)



TELTOCHARGE PRODUCT CODES

PRODUCT GROUP	PRODUCT CODE	FRONT PANEL COLOR	CHARGING CAPACITY	OUTPUT	ADDITIONAL INFORMATION
EVC160	EVC160500001	-	7.4kw	 type 2 socket	CT; Quectel EG91-EX modem
	EVC160400001	-	7.4kw	 type 2 socket	CT
EVC161	EVC161400001	-	7.4kw	 type 2 cable (5m)	CT
	EVC161500001	-	7.4kw	 type 2 cable (5m)	CT; Quectel EG91-EX modem
	EVC161400401	-	7.4kw	 GBT cable (5m)	CT
	EVC161500401	-	7.4kw	 GBT cable (5m)	CT; Quectel EG91-EX modem

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