# 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**



## **KEY BENEFITS**

#### 4 CUSTOMIZABLE

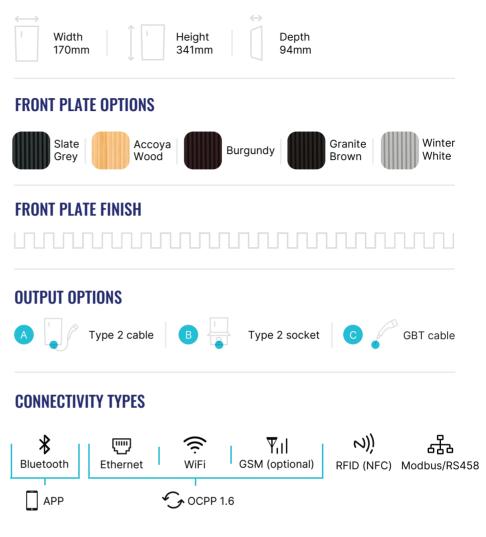
1 charger - 5 design options. Interchangeable front plates with five front plate options.



#### SECURE

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

#### DIMENSIONS





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

#### CONVENIENT

Dynamic LED lights showing charging status, authentication and more.



#### **COMPATIBLE**

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



TeltoCharge is IP56 and IK10 rated, meaning that it can withstand even the harshest outdoors weather.



# **DETAILED SPECIFICATIONS**

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#### **CONNECTION POINT**

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

B Type 2 socket (IEC 62196-2)

GBT cable (GB/T20234)

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#### **APPLICATION CONNECTIVITY**

Bluetooth low energy	
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#### **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

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#### **CHARGING SPECIFICATION**

Up to 7.4kW at 32A 1 phase Dynamic configuration

#### °/w

#### **MAIN FREQUENCY**

50/60 Hz

LED LIGHTS LEDs showing the status of the charger



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#### 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

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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	11
RDC-DD 6mA DC	Yes
External RCD Type A required	Yes

M NETWORK TYPE

T/N and TT

#### **OPERATING SPECIFICATIONS**

Humidity to 90% RH non condensing; Operating temperature: -30°C - +50°C Storage temperature: -30°C - +60°C

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#### **BUILT-IN ENERGY METER**

Statistical data tracking

# WARRANTY 36 months

### 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	Туре 2

# VOLTAGE

Single phase: 230 V AC(±10%)

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Yes

#### **TEMPERATURE SENSORS**

In all main components

#### ÷¦€ Load Balancing

Solar energy support	Yes
Static load balancing	Yes
Dynamic load balancing Options to enable it:	Yes
>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	СТ
EVC161	EVC161400001	_	7.4kw	type 2 cable (5m)	СТ
	EVC161500001	_	7.4kw	type 2 cable (5m)	CT; Quectel EG91-EX modem
	EVC161400401	_	7.4kw	GBT cable (5m)	СТ
	EVC161500401	-	7.4kw	GBT cable (5m)	CT; 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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