



# EVC 2 DATASHEET

BUILT SMART. MADE YOURS.





# TELTONIKA EVC 2

## DIMENSIONS



Width  
190mm



Height  
401mm



Depth  
125mm

## OUTPUT OPTIONS



Type 2 Cable  
5M/7,5M



Type 2 Socket, optional  
security shutter (T2S).

## AVAILABLE ACCESSORIES

Mounting poles	External sensors for smart functions	Other
Single charger slim mounting pole	Modbus RTU & TCP <u>smart meters</u>	Cable holder
Double charger slim mounting pole	CT CLAMPS	Display unit
Four charger mounting pole with internal IP rated electrical cabinet	P1 wired and wireless adapters	Replacable frontplate
		Extra NFC card sets

## SMART CHARGING

Ethernet port | WiFi | 4G LTE

OCPP 1.6 + RMS

Bluetooth | NFC | Solar

App





# DETAILED SPECIFICATIONS

## Connection options

Tethered cable with Type 2 outlet  
5m or 7,5m (IEC 62196-2)

Type 2 socket with or without  
security shutter (IEC 62196-2)

## Certifications

CE, RCM & UKCA compliant

Codes and standards: 2014/35/EU,  
2014/53/EU, IEC 61851-1, IEC  
61851-21-2, IEC 62955

Environment: 2011/65/EU, REACH,  
RoHS

## Warranty

36 months standard, extendable up  
to 60 months.

## Device connectivity

WiFi 2.4 GHz b/g/n connection

Bluetooth low energy 5.0

Local management via APP

NFC reader

Ocpp 1.6

Ethernet (RJ45)

Dual SIM/eSIM 4G/LTE (CAT1)

Management via RMS\*

## Protection

Input and output voltage  
and current monitoring

Overvoltage category – OVC III

Protection against electric shock

Residual current detection  
6 mA DC (IEC 62955)

Ground fault detection

Degree of protection – IP56

Impact resistant – IK10

Fire class – UL94

## Input cabling

Cable diameter – Up to 25mm

Wire cross section – Up to 10mm<sup>2</sup>

Cable entry from bottom

Cable entry from back



\*still in development, to be added with  
firmware update.



# DETAILED SPECIFICATIONS

## Charging specifications

Max 22kW

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

## Network type

TN and TT

## Voltage

Single phase: 230 V ( $\pm 10\%$ )

Three phase: 400 V ( $\pm 10\%$ )

## Rated frequency

50/60 Hz

## Operating specifications

Humidity to 95% RH non  
condensing

Operating temperature:  $-30^{\circ}\text{C}$  -  
 $+50^{\circ}\text{C}$

Storage temperature:  $-40^{\circ}\text{C}$  -  $+60^{\circ}\text{C}$

## Temperature sensors

In all main components

## Led lights

LEDs showing the status of the  
charger

## Built-in energy metering

Accuracy deviation  $<1\%$

## Load balancing

Static load balancing

Dynamic load balancing

Multi device load balance

Solar energy modes

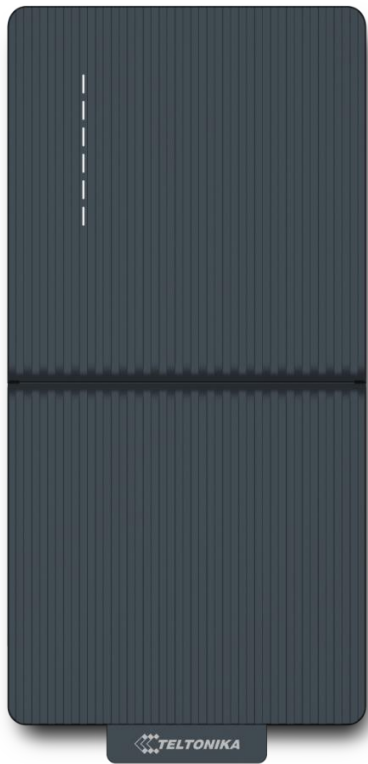
Zero potential contact



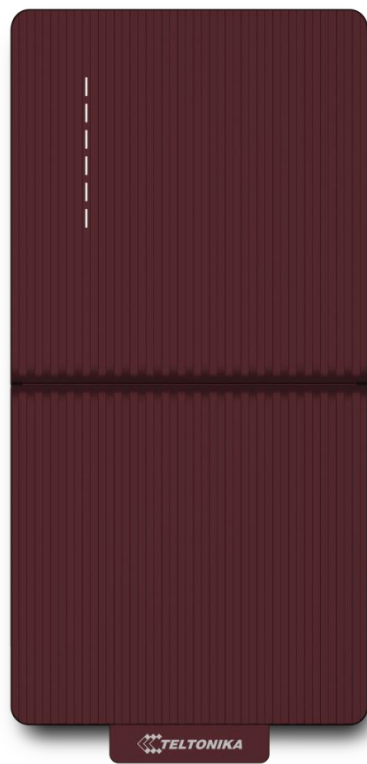


# FRONTPLATE OPTIONS

**ANTRACITE GREY**



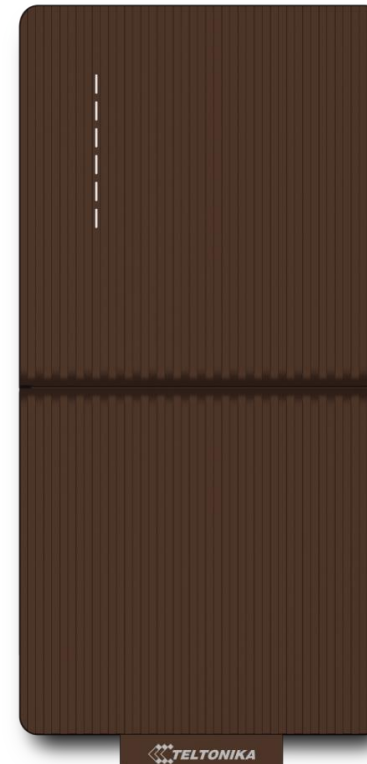
**BURGUNDY RED**



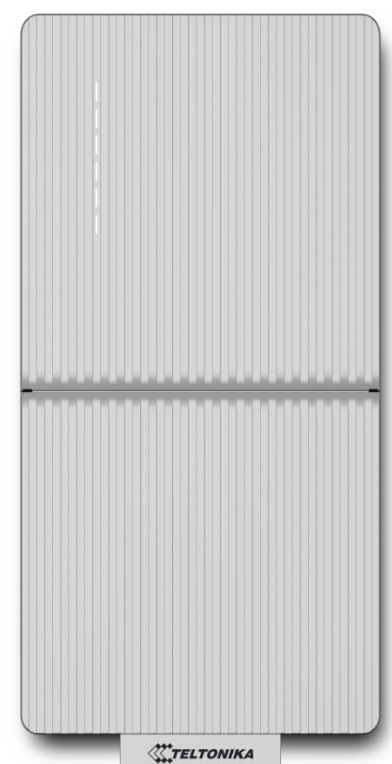
**KEBONY® WOOD**



**GRANITE BROWN**



**WINTER WHITE**





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