



# EVC 2 DATASHEET

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# 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

Single charger slim mounting pole

Double charger slim mounting pole

Four charger mounting pole with  
internal IP rated electrical cabinet

### External sensors for dynamic load balance and other smart functions

Modbus RTU & TCP smart meters

CT CLAMPS

P1 wired and wireless adapters

### Other

Cable holder

Display unit

Replacable frontplate

Extra NFC card sets

## SMART CHARGING



Ethernet port



WiFi



4G LTE



Bluetooth



NFC



Solar



OCPP 1.6J + RMS



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 1.6J

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

7.4kW at 32A 1 phase models  
11kW at 16A 3 phase models  
22kW at 32A 3 phase models

Dynamic configuration in 1A steps

## 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



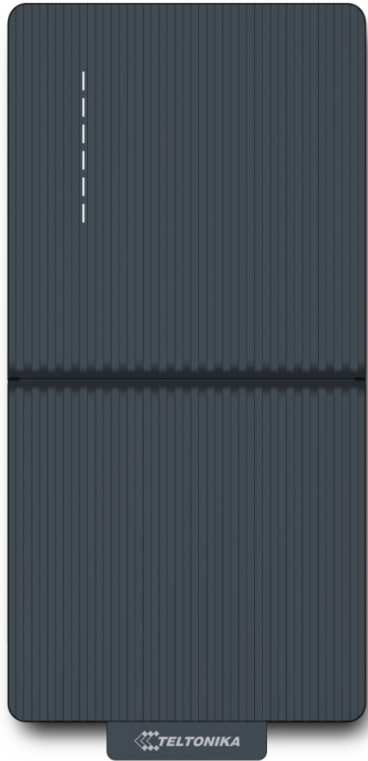
## MODEL CODES

Model	Charging Output	Connectors / sockets	Characteristics
EVC2000100S0	7.4kW	Type 2 socket	1 phase. Input L-N 230±10% VAC, up to 32A
EVC2000120S0	7.4kW	Type 2 cable/connector 5m	1 phase. Input L-N 230±10% VAC, up to 32A
EVC2001100S0	11kW	Type 2 socket	3 phase. Input L-L 400±10% VAC, up to 16A
EVC2001120S0	11kW	Type 2 cable/connector 5m	3 phase. Input L-L 400±10% VAC, up to 16A
EVC2002100S0	22kW	Type 2 socket	3 phase. Input L-L 400±10% VAC, up to 32A
EVC2002120S0	22kW	Type 2 cable/connector 5m	3 phase. Input L-L 400±10% VAC, up to 32A
EVC2000130S0	7.4kW	Type 2 cable/connector 7,5m	1 phase. Input L-N 230±10% VAC, up to 32A
EVC2001130S0	11kW	Type 2 cable/connector 7,5m	3 phase. Input L-L 400±10% VAC, up to 16A
EVC2002130S0	22kW	Type 2 cable/connector 7,5m	3 phase. Input L-L 400±10% VAC, up to 32A

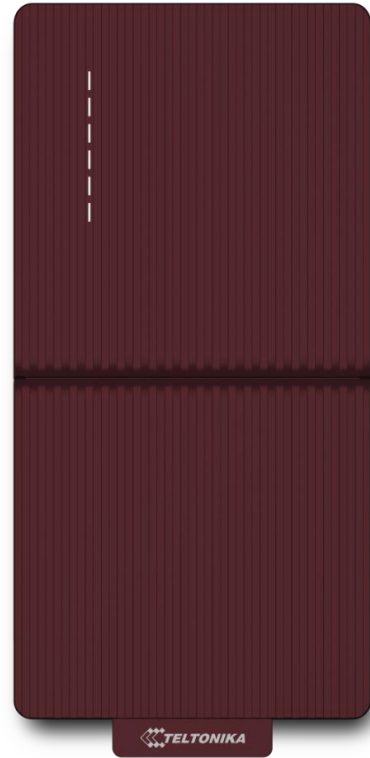


# FRONTPLATE OPTIONS

**ANTRACITE GREY**



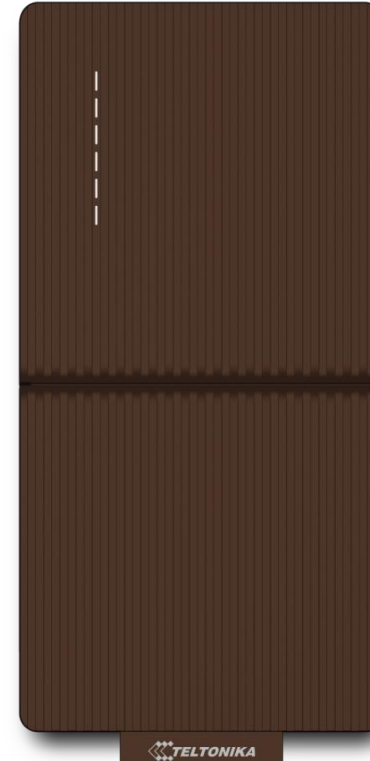
**BURGUNDY RED**



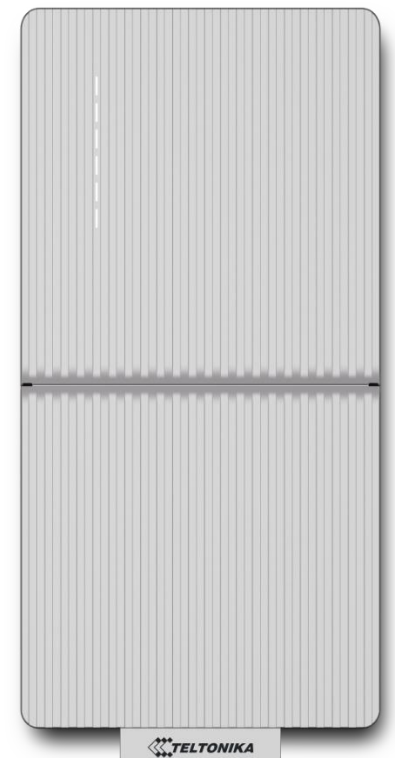
**KEBONY® WOOD**



**GRANITE BROWN**

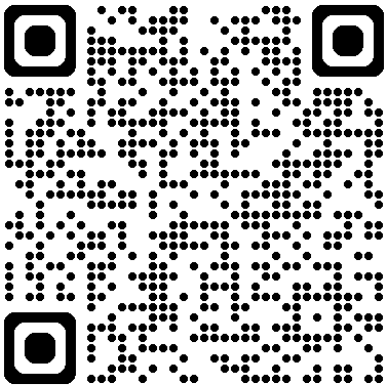


**WINTER WHITE**





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