



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	Certifications	Warranty
Tethered cable with Type 2 outlet 5m or 7,5m (IEC 62196-2)	CE, RCM & UKCA compliant	36 months standard, extendable up to 60 months.
Type 2 socket with or without security shutter (IEC 62196-2)	Codes and standards: 2014/35/EU, 2014/53/EU, IEC 61851-1, IEC 61851-21-2, IEC 62955	
	Environment: 2011/65/EU, REACH, RoHS	
Device connectivity	Protection	Input cabling
WiFi 2.4 GHz b/g/n connection	Input and output voltage and current monitoring	Cable diameter — Up to 25mm
Bluetooth low energy 5.0	Overvoltage category — OVC III	Wire cross section — Up to 10mm ²
Local management via APP	Protection against electric shock	Cable entry from bottom
NFC reader	Residual current detection 6 mA DC (IEC 62955)	Cable entry from back
OCPP 1.6	Ground fault detection	
Ethernet (RJ45)	Degree of protection — IP56	
Dual SIM/eSIM 4G/LTE (CAT1)	Impact resistant — IK10	
Management via RMS*	Fire class — UL94	

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





DETAILED SPECIFICATIONS

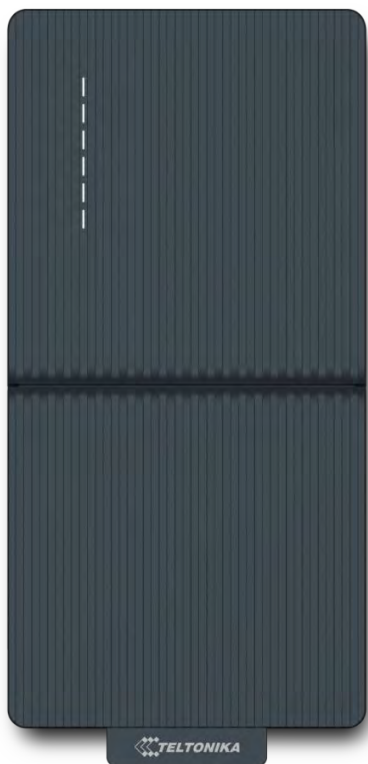
 Charging specifications	 Network type	 Voltage
Max 22kW	TN and TT	Single phase: 230 V (±10%)
Up to 7.36kW at 32A 1 phase Up to 22kW at 32A 3 phase Dynamic configuration		Three phase: 400 V (±10%)
 Rated frequency	 Operating specifications	 Temperature sensors
50/60 Hz	Humidity to 95% RH non condensing	In all main components
	Operating temperature: -30°C - +50°C	
	Storage temperature: -40°C - +60°C	
 Led lights	 Built-in energy metering	 Load balancing
LEDs showing the status of the charger	Accuracy deviation <1%	Static load balancing
		Dynamic load balancing
		Multi device load balance
		Solar energy modes
		Zero potential contact



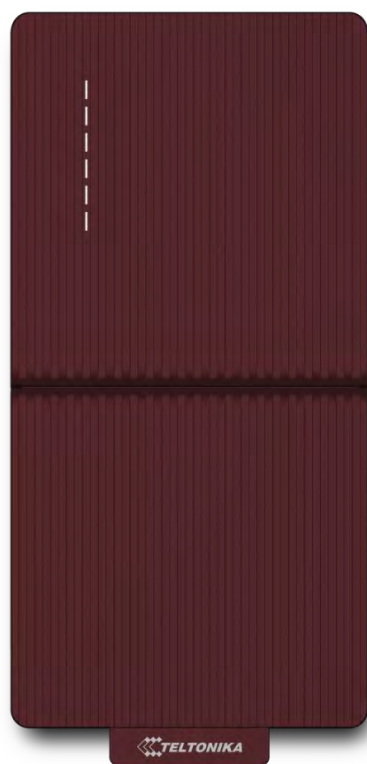


FRONTPLATE OPTIONS

ANTRACITE GREY



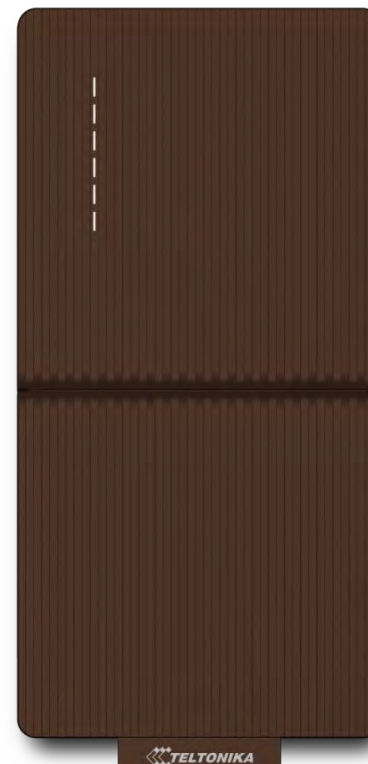
BURGUNDY RED



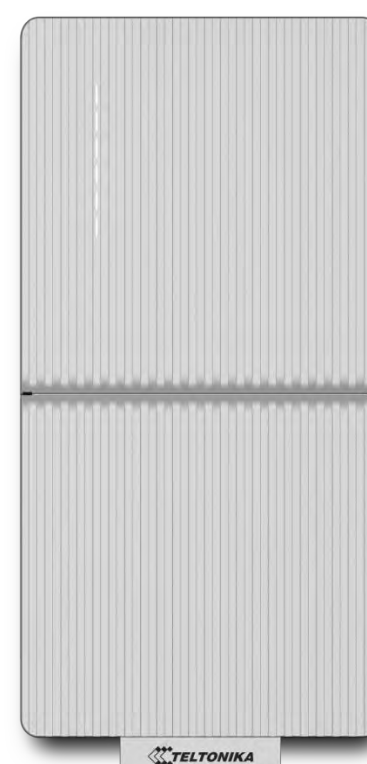
KEBONY® WOOD



GRANITE BROWN

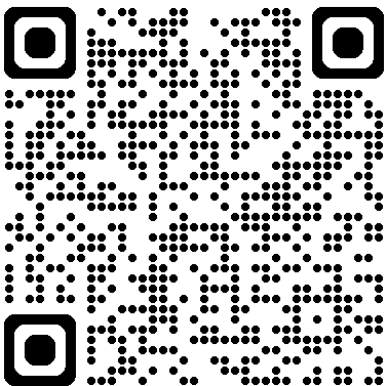


WINTER WHITE





BUILT SMART. MADE YOURS.



Latest up to date technical information
can be found in our wiki page:

[wiki.teltonika-
energy.com/view/Main_Page](https://wiki.teltonika-energy.com/view/Main_Page)

Reach us at:

teltonika-energy.com/about-us/contacts

