

EQUIPMENT DESCRIPTION

EVCS JB

Applied protection	Short-circuit, overload, surge protection gr. II, residual current type B or Type A* + a DC residual current detector*
Security	Main switch, quick shutdown, charging current "load balance" limitation, PE wire break detection, built-in UPS module for supporting operation of control and communication devices in the station, remote diagnostics, event log, phase loss and voltage asymmetry sensor, built-in controller supervising the automatic operation of the charging station. Possibility of remote: switching off, switching on, resetting and emergency switching off the entire device
Socket / plug locking system	Automatic locking the connectors during the charging process and automatic unlocking at the end or interruption of the charging process
Rated output powers	3,7 kW; 7,4 kW; 11 kW; 22 kW
Number of cars charged at the same time	Two (2 x 22 kW max.)
Supported connectors	Fixed socket Type II 16 and 32 A; portable connector Type I or II 16 and 32 A
Construction	Housing made entirely of stainless steel, paintable, other versions to be agreed
Operating conditions	Built-in automatic cooling and heating system of the station
Handling	10" monitor with a touch panel
Payment	Certified set of non-cash payments - payment card
Signalling	RGB LEDs signalling the operating status of each output
Settlement	Built-in counters with MID for each output / main counter *
Communication	2 x SIM card: GSM, GPRS, LAN, 3G, 4G, LTE
Communication protocol	OCPP v.1,6
Measurement	Built-in chamber for the measurement system for settlements with the operator, along with the required protection
Service	Remote status diagnostics, event log, remote reset, service socket, possibility of remote switching on and off of the station, remote emergency shutdown
Additional functions	10" LED panel with a touch panel, certified cashless payment system, remote diagnostics of security and operating conditions, remote reset, station switching on and off, limitation for the charging current, readable multi-language user interface, signalling operating states for each output using RGB, GPS locator, the possibility of any configuration of options

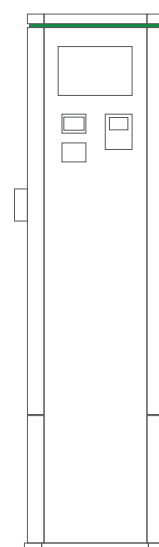
* configuration depending on the selected equipment option



TECHNICAL DATA

EVCS JB

Rated voltage:	400/230V AC
Rated frequency:	50 Hz
Maximum rated current of the charging station:	3 x 63 A
Maximum output power of the charging station:	2 x 22 kW
Protection class:	first
Operating temperature range:	-20 to +50C
Degree of protection:	IP54
Mechanical strength:	IK10
Power supply system:	TN-S, TNC-S
Power cord section:	16-35 qmm
Dimensions:	1670 x 430 x 270 mm
Weight	80 kg



Compliance with the Act on Electromobility and Alternative Fuels of 11/01/2018 Compliance with the Regulation of the Minister of Energy of June 26, 2019 on technical requirements for charging stations and charging points that are part of the charging infrastructure for road public transport. Compliance with the requirements and guidelines of the Office of Technical Inspection. The station was tested by the National Research Institute accredited for the scope of the subject standard, as a result it was granted a certificate of compliance with the PN-EN 61851 standard.