

EQUIPMENT DESCRIPTION

EVCS JB Basic +

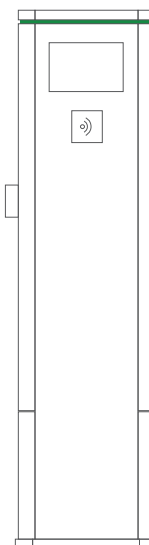
Applied protection	Short-circuit, overload, surge protection gr. II, residual current type B or Type A* + a DC residual current detector*
Security	Main switch, quick shutdown, charging "load balance" current limitation, PE wire break detection, built-in UPS module for supporting operation of control and communication devices in the station, remote diagnostics, event log, phase loss and a 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 moment of ending or interrupting 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	RFID card reader
Signalling	RGB diodes signalling the operating status of each output
Settlement	Built-in counters with MID for each output
Communication	2 x SIM cards: GSM, GPRS, LAN, 3G, 4G, LTE
Communication protocol	OCPP v.1,6
Service	Remote diagnostics of states, event log, remote reset, service socket, possibility of remote switching on and off the station
Additional functions	10" LED monitor with a touch panel, remote diagnostics of security and operating states, remote reset, switching the station on and off, limitation of the charging current, clear multilingual user interface, signalling the operating states for each output via RGB, GPS locator, the possibility of any configuration and options of equipment



TECHNICAL DATA

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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.