

EVC-Controller 2.1 Cloud

Multifunctional EV charge station controller especially designed for the European market. With this controller a complete 2 outlet charge station can be set up for “type 2” mode 3 outlets with servo lock and LED signaling. The module will be managed by the Cloud back-office using OCPP 1.5./2.0 or LMS interfacing. Load management for smart grid applications is build in the software.



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Intelligent 2 x outlet EVC chargercontroller	
<i>Hardware</i>	
DIN-Rail box	PVC
pluggable connectors	3x12 PIN 2,54 mm
Embedded ARM controller	NXP
Quad band GPRS/GSM Modem	850/900/1800/1900 MHZ
GPS global positioning	V
Onboard temperature monitoring	V
power	8-30 Volt DC
power consumption	1,2 Watt
<i>Interfacing</i>	2x RFID (RS 232 TTL)
	1x buzzer 12 Volt
	1x Tilt sensor input (optional)
	2x Kwh meter S0 input or S-bus/ RS485 4 meters (same pins)
	2x Outlet power sensing
	1x Full-color (touch-display) interface via CAN
	Controlling up to 5 slave modules via CAN
	2x mechanical lock controller output
	2x mode3 Type 2 IEC 62196-2 controller (PP&CP)
	2x Triple LED output
	1 xCAN-bus interface
	2x RCD trip detect
	2x Contactor Failure input
	per channel 2x contactor switch output
<i>conformity</i>	Immunity IEC 61000-6.2
	Emission IEC 61000-6.3
	ZE-ready
Enclosure	DIN-rail 82x90x45 mm
Weight	225 Gram
Humidity	5%-95%
Temperature Range	-25 tot +55 °C
Protection grade	IP 20
<i>Software</i>	
	Local programming software
	Remote firmware update
	LMS protocol or OCPP 1.5 or 2.0
	Management by LastMileSolutions Cloud office or OEM by OCPP