zeroCO$_2$®

Dynamic Charging Management

DCM

Dynamic Charging Management

Features:

- Charger energy management control device for EV systems based on zeroCO$_2$ Suncharger;
- From 2 to 15 EV-charger single-phase, three-phase or combined;
- “Plug & Charge” start;
- Start charge via zeroCO$_2$ RFID card (RFID card and card reader available as accessories);
- Web monitoring platform;
- It can be installed in systems with zeroCO$_2$ hybrid inverters for load compensation;
- Full compatibility with zeroCO$_2$ XL series for load compensation and monitoring on the zeroCO$_2$ Cloud platform.

Dimensions:

Width: 212 mm
Height: 125 mm
Depth: 35 mm
Weight: 1,5 kg

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Model	Dynamic Charging Management
INPUT	
AC voltage range [V]	power jack, 100 ~ 240 / 12
DC voltage range [V]	12 (2pin)
COMMUNICATION	
Meter communication (*)	Modbus RS485
Communication interface	2pin
Number of charging stations	2 ~ 15
Max. communication distance [m]	1000
External communication	RS485
Monitoring	web-based platform
External interface	2xUSB (Host), 1xUSB (OTG), 2xEthernet (10/100 Mb/s), 1xDebug, 1xRS232, 2xRS485, 2xCAN, 1xGPIO, 1xPower supply connector
ENVIRONMENTAL CONDITIONS	
Operating ambient temperature range [°C]	-20 ~ 40
Storage temperature [°C]	-20 ~ 80
Relative humidity [%]	35 ~ 75
Max. operation altitude [m]	≤2000
GENERAL DATA	
Dimensions [WxHxD, mm]	212x125x35
Weight [kg]	1,5
Installation mode	Wall mounted
Protection degree	IP20
Self consumption [W]	<15
Self consumption stand-by [W]	1.4
Status indication	LED
Firmware update	LOCAL/OTA
Power off, store data records	yes
Breakpoint continuation	yes
One click restore factory configuration	yes

(*) Three-phase meter included.
In case of a single-phase system, it is necessary to order the SDM120CT single-phase meter kit available as an accessory.

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