

Status

Charger

Charge Status

Charge Settings

Energy Meter

Charge Tracker

Charge Management

Network

Settings

WiFi Connection

WiFi Access Point

LAN Connection

WireGuard

Interfaces

MQTT

Modbus/TCP

OCPP

Users

System

Time Synchronization

Event Log

Firmware Update

IEC 61851 state

A (disconnected)	B (connected)	C (charging)	D (not supported)	E/F (error)
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Allowed charging current minimum of the charging current limits

16,000 A

Error state [see manual for details](#)

OK	Switch error	DC fault protector error	Contactor error	Communication error
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Contactor check before contactor, behind contactor, state

Not live	Live	Not live	Live	OK	Error
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DC fault protector state

OK	DC fault	System error	Unknown error	Calibration error	Reset
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Time since state change

00:00:25

Uptime

00:20:58

Charging current limits

Supply cable

16,000 A

Type 2 charging cable

32,000 A

Shutdown input

not active

Configurable input

not active

Auto-start or button

no limit

Configuration

no limit

Release

192.168.1.178/#evse

1/4

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 Charge Management

User

not active

Charge manager

not active

External control

not active

Release

Modbus TCP current

not active

 WiFi Connection

 WiFi Access Point

 LAN Connection

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Charge Status

not active

Energy/Time limit

no limit

Hardware configuration

Cable lock available

No

Yes

Max current of supply cable switch configured

6 A

10 A

13 A

16 A

20 A

25 A

32 A

Software

Unconfigured

Charge controller version

2.0

Energy meter type

SDM630

Charge log

Create charge log to diagnose charging problems

Start

Stop+Download

Done

Low-level state

Hide

LED state

Off

On

Blinking

Flickering

Breathing

API

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CP PWM duty cycle

26,7 %

CP/PE before resistor (PWM high), CP/PE after resistor (PWM high)
CP/PE before resistor (PWM low), CP/PE after resistor (PWM low)
PP/PE, +12V rail

ADC values

-12V rail

3848

2954

148

183

1029

3826

129

CP/PE before resistor (PWM high), CP/PE after resistor (PWM high)
CP/PE before resistor (PWM low), CP/PE after resistor (PWM low)
PP/PE, +12V rail

Voltages

-12V rail

11,607 V

5,844 V

-12,245 V

-12,033 V

0,829 V

12,332 V

-12,368 V

Resistances

CP/PE, PP/PE

820 Ω

220 Ω

GPIOs

current configuration 0, motor fault, DC fault, current configuration 1

High

Low

High

Low

High

Low

High

Low

DC fault protector test, shutdown, button, CP-PWM

High

Low

High

Low

High

Low

High

Low

motor input switch, contactor, GP output, CP separation

High

Low

High

Low

High

Low

High

Low

motor active, motor phase, contactor check before, contactor check behind

High

Low

High

Low

High

Low

High

Low

GP input, DC X6, DC X30, LED

High

Low

High

Low

High

Low

High

Low

unused

High

High

High

High

00:00:25

Reflash

Reflash