

Charge Control D

Introduction

Our new DC charge controller is a compact charge controller for EVSE and provides all important features for DC charging. It is DIN 70121 and ISO 15118 compliant and communicates between EVSE and EV via PWM signaling Control Pilot and Proximity Pilot.

With its slim and light design, the controller is cost-efficient and has a low energy consumption, which fits perfectly for DC-Wallboxes.

Key Features

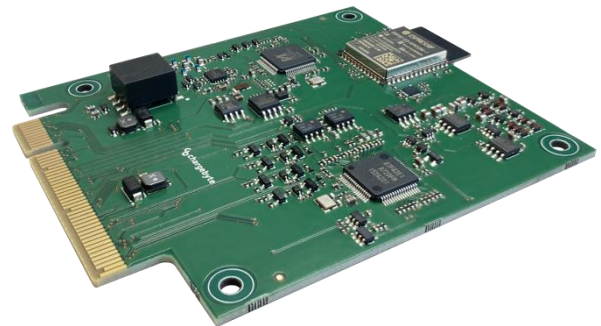
- High Power Charging
- IEC61851
- ISO15118/DIN70121
- Ready for Plug and Charge
- Functional safety for temperature measurement and CP signal
- Ready for bidirectional charging
- OCPP
- Ws2812b LED interface

Application

Charge controller in electric vehicle supply equipment (EVSE), optimized for DC-Wallboxes

Operational

Parameter	Value
Weight	90 g
Temperature range	-40 °C - +85 °C
RoHS / REACH	Compliant
Power supply	5V / 3.3V
Power consumption	max. 4 W
Outline dimension	94.5 x 79.5 x 8 mm
Air humidity	95% rel. humidity (non condensing)



Interfaces

- RS-485
- CAN
- Ethernet
- Bluetooth
- WiFi