

# Charge Control K

## Operational (preliminary)

### Introduction

Charge Control K is a stand-alone vehicle charge controller that enables DC and AC-charging via Low Level and High-Level communication for a wide range of applications. The charging communication is compliant to DIN 70121, ISO 15118-2, IEC61851 and J1772 which is converted to simple CAN signals.

### Key Features

- Tripple Charging stack for ISO 15118-2, ISO 15118-20 and DIN 70121
- Controlled by simple CAN interface
- UDS-based diagnostic features
  - Firmware update
  - Self-diagnostic
  - Parameterization
  - Bootloader

### Main applications

- Charge controller for electric vehicles
- Electric busses
- Electric trucks
- Electric construction machineries
- Electric boats

Parameter	Value
Temperature range	-40°C - 125°C
Power supply	12V / 24 V nominal
Outline dimension	Width: 117 mm Length: 138 mm Height: 35 mm
Weight	300 g
RoHS / REACH	Compliant



### Interfaces

- Plug interface: PP, CP and PE
- Inlet controller: Lock motor and lock feedback
- 3x Temperature sensor: PT1000 and PTC
- 3x LED output (12V)
- 1x Button input
- 2x CAN