



# Electric Vehicle Communication Controller (EVCC)

SO-24 series EVCC is an Electric Vehicle Communication Controller for DC and AC charging standards. It is coming with international standard DIN SPEC 70121 and the ISO 15118. It is designed for charging communication between EV and Electric Vehicle Supply Equipment (EVSE). It is supporting CANBUS interface.

## Specifications

- CCS charging protocol (DIN SPEC 70121 and ISO 15118)
- AC charging protocol (J1772, IEC 61851-1)
- PLC communication interface over CP signal
- CANBUS interface for communication with the vehicle
- Supports both 12V-24V power systems
- Wake up function for energy saving
- Compatible with BMS, OBC
- Automotive housing (IP68, IP6K9K)
- Operating temperature -55, 125 °C

- ❖ Communication
  - 1x CAN, supports 250Kbps, 500Kbps
  - PLC HomePlug Green PHY modem
- ❖ Power Dissipation
  - 1.5W (Active)
- ❖ Supported Standards
  - AC: SAE J1772, IEC 61851-1
  - Chademo: Optional
  - CCS (Combo 1,2): DIN SPEC 70121, ISO 1518
- ❖ Power Input Input Voltage Min/Max
  - 8V/28V
  - Recommended Nominal: 12V and 24V systems

