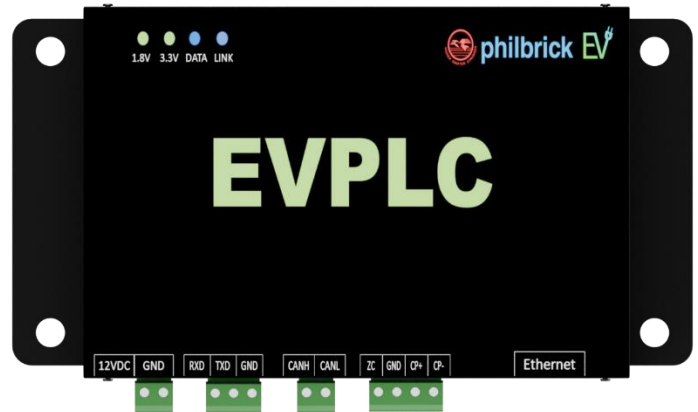


EVPLC Modem

Introduction

The EV PLC module enhances electric vehicles charging systems with DIN 70121 and ISO 15118-2/3 capabilities, enabling seamless high-level communication between battery packs and CCS charging stations.

Powered by a QCA700xx chipset and a high-performance AM62 processor, it runs on a cutting-edge Linux 6.1 OS with a fully integrated software stack for optimal functionality.



Core Capabilities

- Dual compatibility with ISO 15118-2/3 and DIN 70121 software stack for DC charging
- Adheres to IEC 61851 and ISO 15118 standards for DC charging
- Engineered for automotive-grade reliability
- Automotive ready
- Ready for Plug and Charge
- Ready for bidirectional charging

Interfaces

- CAN
- RS-232

Application

- Integration into control board to enable Fast DC charging
- Generic Charge Communication Controller for Electric Vehicles

Parameter	Value
Weight	< 215 g
Temperature range	-40 °C - 85 °C
RoHS / REACH	This product is manufactured RoHS / reach compliant.
Power supply	12V DC
Power consumption	max. 500 mA
Outline dimension	185 mm (L) 110 mm(W) 30mm (H)