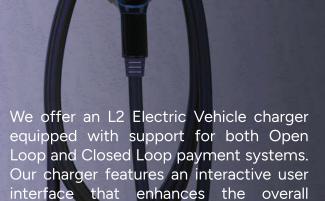


## Trunexa



experience for both network providers

and end users.

## Electric **Vehicle Charger**

**CHARGNEX** 



## **Features**



Open Loop / Close Loop Payment System Support



Level 2 Smart EV Charger



Various Communication Interfaces



Easy to Install Indoor & Outdoor



Compatible with all EVs and PHEVs sold in North America

Our solution includes a comprehensive multi-party structure back office. This robust back-office system optimizes revenue generation for network operators, location owners, and charger hardware providers.







## **Electrical Properties**

3 Phase Supply

Voltage 100 - 240 VAC

Current Fast charging and adjustable amperage: 40A, 32A, 24A, 16A

Charging Interface / Plug Type 2 (SAE J3068) (IEC 62196-2)

J1722 Charging Plug and 14-inch 14-50P plug input cable

Charging Mode / Type Mode 2&3 / Type 2

**Protection** 

Internal RCD Type B RDC

**Electrical Protection** Over Current, Short Circuit, Ground Fault

Automatically resume charging without user intervention **Automatic Recovery** 

**EV & CMS Communication** 

SECC to EVCC PWM (EN/IEC 61851), PLC (ISO 15118)

**EVSE to CMS** OCPP 1.6J

Connectivity 10/100 Mbps Ethernet, 4G/LTE, WiFi, Bluetooth Interfaces Isolated IN/OUT, RS485, USB, and CAN FD2.0

**User Interface & Control** 

**CPU** NXP i.MX8M Mini: Arm® 4 x Cortex®-A53 CPU @1.5GHz

Display 7 inch wide color display screen vandal proof with capacitive touch

RAM Support: 1 - 4 GB, eMMC (in built): 4 GB - 32 GB Memory

64 GB SDCard Support

Card Type Support ISO/IEC 14443-A/B, ISO 18092 (NFC), Sony FeliCa, CiPURSE, MiFARE,

DESFire, ISO 15693

**EMV** Compliance L1 V3.0a & L2 certified (Master, Visa, Discover American Express, Rupay)

PCI PTS 5.x, SRE

SAM Interface 4 x on board, 4 x optional slots on reader

**Charger Configuration** CMS and Capacitive touch screen

**Audio** Speaker / Buzzer OS Linux / Android

**Environment** 

Operating Temperature -30 °C to +70 °C

Humidity <95% relative humidity

**Mechanical Design** 

Cable NEMA 14-50 Plug with upto 24 Feet Premium Cable

**Ingress Protection** IP67 water-resistant, fire-resistant

IKO8 according to IEC 62262, CE, ROHS, REACH Compliance





