

CCS-C80C

IoTecha's EV Charging Column

IoTecha

Bolt, Power and Charge. The CCS-C80C charging column is a charging enclosure designed to significantly reduce the cost and complexity of installation of Level 2 Charging Infrastructure.

The white label column features IoTecha's industry-leading Level 2 AC smart charging module, pre-integrated in a powder coated cold-rolled steel that has undergone a 5-step anticorrosion treatment. Four versions are available - with optional LTE and optional disconnect switch. For commercial customers and multi-family residence.

Simple 2-Step Installation

- ⦿ Pre-mounted 80 Amp Level 2 Charger
- ⦿ Easily accessible backdoor for installation & maintenance
- ⦿ Supplied Hardware

Easy-to-Use

- ⚡ Ships with regular carriers
- ⚡ 25 ft. cable
- ⚡ Simple LED panel

Customizable

- ⦿ Available in different colors
- ⦿ Ready for customer branding
- ⦿ Optional features: disconnect switch, detachable base plate, LTE

No On-Site Configuration Needed

Built on IoTecha's EV Charging Platform

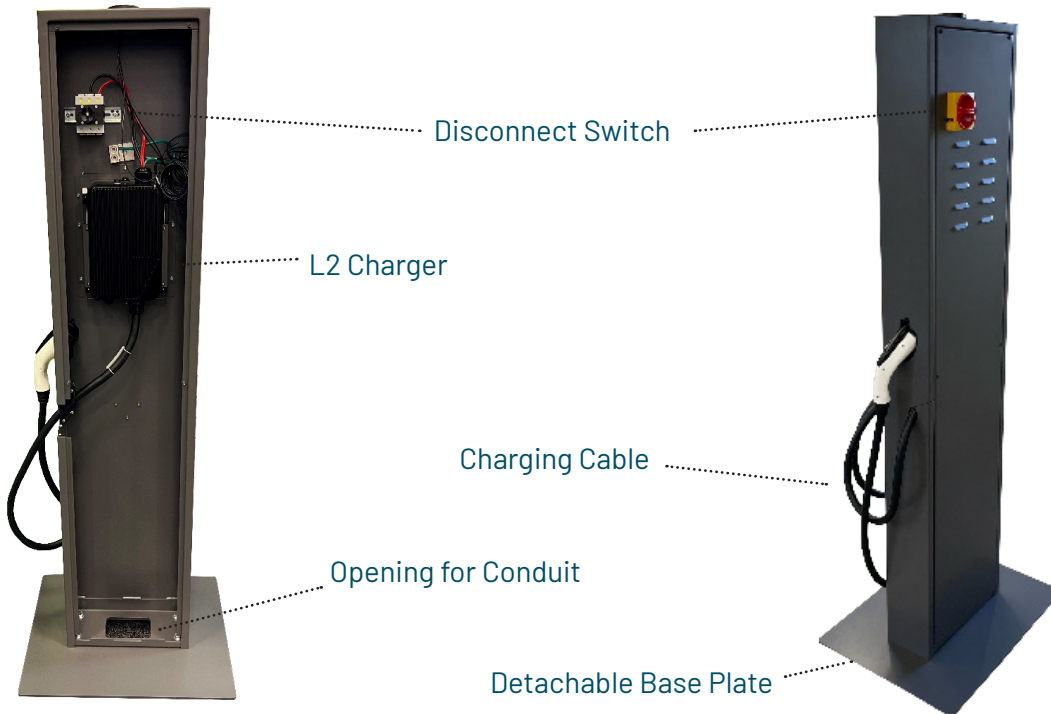
- 19.2kW/80A
- Combined Charging System
- Plug-n-Charge (ISO/IEC 15118)
- OCPP
- Ethernet, RFID, LTE (optional)

Ready For IoT.ON™ Valued Added Services



Column Internal

Back Access Panel



Electrical Specifications

- Max Output (Amperage) - 80A
- AC Power Input Rating - 208/240 VAC 60Hz single phase
- Output Power (kW @ max A) - 19.2 kW (240 VAC @ 80A)
- Charging plug - SAE J1772 (80A)
- ISO/ IEC 15118
- Charging Cable Length - 25'

Mechanical

- Dimensions: 69" x 15.75" x 6.42"
- Base Plate: 20" x 26"
- Weight: 133 lbs

Control

- LED Indicators - Standby (Blue), Charging (Flashing Green), Fully Charged (Steady Green), Fault (Red)

Communication

- LAN - LAN 10/100
- RFID Reader - ISO15693, 14443A/b
- Wide Area Network - 4G
- LTE (optional)

Safety

- Codes and Standards - SAE J1772
- Safety Compliances - UL listed for USA; complies with UL2594, the service panel is recommended
- EML Compliance - FCC Part 15 Class B
- Surge Protection - 6kV @ 3000A. In areas subject to frequent thunderstorms, supplemental surge protection at the service panel is recommended
- CCID - 20mA

Environmental

- NEMA / IP Rating (Dust / Moisture) - NEMA 3R
- IK Rating (Mechanical Impact) - IK 10
- Altitude - 3,500 m (operating)
- Solar Radiation - 1120 W/m² (Class2K4)
- Operating Temperature: -30°C to +50°C
- Storage Temperature: -40°C to +60°C
- Operating Humidity: up to 85% @ +50°C (122°F) non-condensing
- Non-Operating Humidity: up to 95% @ +50°C (122°F) non-condensing