



EVCA Level II Ground Mount - Spec Sheet

Charge Net™ Single Vehicle Charging Station



Part No. EV2101-1

NETWORKING

Mesh LAN Communications Portal

802.15.4 Radio
Cellular and Ethernet

AUTHENTICATION

RFID, NFC, Cards, & Cell Phone Synch.

13.56 MHz
Semi-Active

ENCRYPTION

Double encrypted security

196 bit
ISO 15693

24/7 MONITORING

Always-on, remote oversight alerts

Text, email, web & phone

CIRCUIT PROTECTION

Built in, primary safety CCID

CCID - Charge Current Interrupting
Device

INTELLIGENT RESPONSE

Closed-loop
Randomized Cold Load Pickup

REVENUE GRADE METER

Optional for energy usage and parking meters

C3 Commercial - .02% Accuracy

SAFETY / LOCKING MECHANISMS

Built in safety lockouts

Electricity secured until authentication

WEB DOWNLOADED UPGRADES

Software, Firmware, auto installed

Plug and Play
No programming required

SPECIFICATIONS:

LEVEL II CHARGING STATION
with Global Networking included

Size: 8" wide x 8" deep x 52" high
Weight: 85 lbs.

VOLTAGE

Level II

208VAC/240 VAC

AMPERAGE

40 A

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CONNECTION SAE J-1772 Compliant - UL Approved

POWER ANSI C12
Surge Protection: 6kV @ 3,000A

INSTALLATION WIRING Line, Line2 & Earth
#8 3 Wire

INSTALLATION CONDUIT 1 1/2" Std.

REGULATORY STANDARDS Overall : UL2504
EVSE Safety: UL2202

Cord Set Safety: UL2251
EVSE Shock Prevention: UL2231

TECHNICAL SPECIFICATIONS Electromagnetic compatibility SAE J551
EVSE to EV Communication SAE J1850

Communication Format SAE J2178
EV Energy Transfer System SAE J2293

Onboard Charger Quality SAE J2294
Digital Communications SAE J2836

Digital Specifications SAE J2847
Cold-load Pickup after restart

ENVIRONMENTAL Temp Range: -30° to +60°C
Humidity Range: Up to 95%

Outdoor Rated: NEMA 3R
NEMA 250-2008

UTILITY CONTROL SOFTWARE EVCA SMART GRID Software
GridPoint™ Software

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