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Serna Connect

Reduce fuel costs and ensure your vehicles are charged 1000/o

The SemaConnect Sert es 71s a smart charging station that makes It easy to chaf8e your EV fleets and make sure they are ready to go. Smart chal!lng
for your fleets ensures you have all the Information you need. Including built-In alerts and a smart dashboard to visualize detailed reports on elec tricity used, carbon offset fuel savings and more.

SemaConnect 's fleet management capability enables fleet managers to:

Easily configure a custom fleet program by lndMdual vehicle and major vehicle type or both.

Track departure, retum times, and energy delivered to each vehicle, and monitor charging fees for any of your public chargers.

Schedule both start and stop of charging sessions to take advantage of off-peak and partial peak electrtcrty rates.

Receive alerts to notify exceptions In return times, energy delivered and departure times to maximize the dally success of the entire fleet.

Generate a robust set of reports and analytics.

Fe1lture8

- Sleek. elegant design
- Compact form factor
- Commercial-grade aluminum body
- "At-a-Glance" LED status
- Rugged outdoor-rated enclosure
- Full warrant.y Replacement PoUcy
- Easy to Install and seN!ce
- "No Assembly Required"

smart Features

- Reet Vehicle Management
- Reet Access C:On1701
- Reet Manager Portal
- Late Plug-ln/Plug-ovt Alertz
- Shedule Chai'ge Start Time
- Session Data and Analytics
- state of Health Monltonns
- I.Dad Management Ready

POWER TECHNOLOGY
WE DESIGN . WE SUPPLY

Power Specs

AC Power Output, maximum (per port)	Level II: 7.2kW (240VAC@30A)
AC Power Input (per port)	Level II: 30A; Line 1, Line 2 and Earth (no neutral)
Ports Per Charging Station	Two
Vehicle to Charger Connection (per port)	SAE Jl772 EV Connector, 18ft cable
Energy Metering Accuracy	1 % at 15 min interval (standard), 0.5% optional
Standby Power	6.5W typical
Service Panel Breaker (per port)	Dual-pole 40A breaker, dedicated circuit

Safety Specs

Safety, Ground Fault Circuit Interrupt	20mA CCID with auto retry (every 15 seconds)
Automatic P lug-O ut Detection	Power terminated per SAE Jl772 spec: SMS or ema ii n otifi cation
General Safety Compliance	UL 2231-1, 2231-2, UL2594 and UL2594, NEC Article 625

Network Specs

Data CommunicationCellular	4G LTE
Network Communication P rote co l	TCP/IP
Network Security	HTTPS; 128-bit AES Encryption

Communication Device Specs

LED Array	High visibility, multi-color visual status indication
LCD Screen	4 line, 16 characters per line

Environmental Specs

Outdoor Rated	NEMA 3R per NEMA250-1997
Operating Humidity	Up to 95% non-condensing
Operating Temperature	-30degC to 1'50degC ambient

Other Specs

Surge Protection	6kV@3,000A
EMI Compliance	FCC Part 15 Class A
Dimensions	1 Bin high x 7in wide x 7in deep
Approximate Shipping Weights	Head unit and cable: 28 1 bs, Ped est a l Mount: 11 lbs, Wall mount bracket: 1 O lbs