HIGH POWER – 19.2kW level 2 EV charging for fleets

Our most powerful Level 2 charger, 19.2kW (80A), with all the features needed by modern electric fleets. Take command of fueling your light-medium duty EV trucks and buses. By adding fleet management capabilities through network software, the Series F19 enables fleet managers to:

- Configure a custom fleet program by individual vehicle and major vehicle type or both.
- Track departure, return times, and energy delivered to each vehicle.
- Schedule both start and stop of charging sessions to take advantage of off-peak and partial peak electricity rates.
- Receive alerts to notify exceptions in return times, departure times, and energy delivered.
- Generate a robust set of reports and analytics.

Features

- 19.2kW (80A) Level 2
- Sleek, elegant design
- Compact form factor
- Commercial-grade aluminum body
- "At-a-Glance" LED status
- Rugged outdoor-rated enclosure
- Full warranty replacement policy
- Easy to install and service

Smart Features

- Fleet vehicle management
- Fleet access control
- Fleet manager portal
- Late plug-in/plug-out alerts
- Schedule charge start time
- Session data and analytics
- State of health monitoring
- Load management ready

Power Specs

AC Power Output, maximum (per port)	Level II: 19.2kW (240VAC@80A)
AC Power Input (per port)	Level II: 80A; Line 1, Line 2 and Earth (no neutral)
Ports Per Charging Station	Two
Vehicle to Charger Connection (per port)	SAE J1772 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 100A breaker, dedicated circuit

Safety Specs

Safety, Ground Fault Circuit Interrupt	20mA CCID with auto retry (every 15 seconds)
Automatic Plug-Out Detection	Power terminated per SAE J1772 spec: SMS or email notification
General Safety Compliance	UL 2231-1, 2231-2, UL2594 and UL2594, NEC Article 625

Network Specs

Data CommunicationCellular	4G LTE
Network Communication Protocol	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 +50degC ambient

Other Specs

Surge Protection	6kV@3,000A
EMI Compliance	FCC Part 15 Class A
Dimensions	18in high x 7in wide x 7in deep
Approximate Shipping Weights	Head unit and cable: 28 lbs, Pedestal Mount: 11 lbs, Wall mount bracket: 10 lbs