

3704 AutoCoil Smart Level 1/Level 2 EV Charger

Single Pole, Dual Pole or Wall Mount

The AutoCoil 3704 is configurable to operate at Level 1 or Level 2 by dipswitch settings or via remote network command. This flexibility simplifies charging station decisions as either Level 1 or Level 2 are available at any time. Level 1 is ideal for long term, low turnover parking scenarios and workplace charging. Level 2 is ideal for long term parking as well, with the benefit of faster charging times to allow for more EV driver's access to charging.

The 3704 is equipped with a state-of-the-art cable management system, which fully retracts and protects the 20-foot cable from harsh weather and vandals. The cable management system is ADA and OSHA compliant by keeping cables off the ground when connected to a vehicle and when not connected. There are tens of thousands of chargers today with cables on the ground in weather and in the pathway of pedestrians creating a public safety hazard. EVSE is the leader in EV charger cable management design that addresses OSHA and ADA requirements.

Modular in design, the model 3704 can be configured for simple on-off control, or the more demanding requirements of credit/debit and ID card processing. EVSE chargers are compatible with Open Charge Alliance charger networks from Greenlots and OpConnect. This ensures universal access to chargers without proprietary membership required. The Open Charge Alliance is an international standard for the development of charger networking based on an open vs proprietary architecture.

Power Specifications

Voltage/Circuit: 208VAC-240VAC@30A
Input Phase: Single
Current (Rated): 30A/16A Switchable by Dip Settings

Current (Simulated Lvl 1): 7A@208-240 VAC (On Command)

Connector: SAE J1772TM & NEC 625 Compliant

Pilot: SAE 1772 Compliant
Ground Fault: GFCI 20MA
Protection: Auto Test
Breaker Size: 40A
Overload: 40A Trip at 30 amps
Protection: Reclosure CCID
Ground Wire: Continual Test

Dimensions

Height to Lot Surface: 60" high
Width, Single Unit: 10.78" wide
Width, Dual Unit: 25" wide

Safety & Compliance

Safety Standards: UL 2231-1 & 2231-2
UL 2594
CAN/CSA C22.2 No. 61010-1/R: 2008
UL 61010-1/R:2008.
EN 61010-1:2009
NEC 625 Compliant
UL 2231 (CCID)
FCC Part 15 Class B

Environmental

Environmental: NEMA 3R
Operation Temp: -28°C to +50°C (-20°F to 122°F)
Humidity: 95% Non-Condensing

Operating Information

Communication: Ethernet, Cellular & Other Radio Communications, Wi-Fi Compatible
Networks: Web-Based, LAN, WAN, Cellular, OCPP (Open Charge Protocol)
Power Monitoring: Integration with 3rd Party Monitoring Systems
EV Charge Payment: EV Charger Kiosk or Payment Station Integrated with Current System
Modular EVSE Payment Options to Adapt to Your System



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* Patent Pending

Smart Charging Solutions for Electric Vehicles

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