

3704 AutoCoil EV Charger

Single Pole, Dual Pole or Wall Mount

The 3704 AutoCoil EVSE with automatic cable management offers the most advanced electric vehicle charging in the market today. The unit is engineered and manufactured for ease of use by any EV customer – just plug in, charge, and after disconnecting just walk the cable back as it retracts back into the housing automatically.

The model 3704 provides 220V AC up to 30A. Designed as per the SAE J1772 requirements to meet or exceed all safety codes specified by UL and NEC, the unit is engineered for commercial interior or exterior locations and comes in single or dual wall or pole mounted versions. The 3704 meets or exceeds all NEMA 250 CLASS 3R specifications.

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
Connector: SAE J1772™ & 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

Environmental

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

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
Personal Protection: UL 2231 (CCID)
EMI: FCC Part 15 Class B

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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