

# 3703 ChargeWorks EV Charger

## Pole Mount or Wall Mount

ChargeWorks is a competitively priced Level 2 and Level 1 7.2 KW wall- or pole-mounted EVSE, and comes in stand-alone mode, or with a full range of network and payment services including Smart Grid/Demand Response. The unit complies with all J1772 standards, and is capable of providing up to 30A at 208-240V AC, single phase, 50 or 60 Hz. The model 3703 is capable of being controlled remotely to apply, reduce or disconnect power to the electric vehicle, and measures both voltage and current being supplied to the EV. Turn the charger on using simple On Activation, a mobile phone app or RFID card. The 3703 communicates directly with a Payment or Gateway Module, and five status lights clearly indicate the state of the charging operation. Charger network with no fees, or with our leading OCPP partners to ensure universal access, i.e. that no one needs a member card to "fuel" their car. A 17-foot charging cable with J1772 connector is wrapped around the hanger of the unit for easy storage. Integrates with leading parking payment system providers, campus cashless cards (Blackboard and CBORD).

### 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 32 amps for 15 sec  
Protection: Reclosure CCID  
Ground Wire: Continual Test

### Dimensions

Charger: height - 19.18 inches  
(Excluding Pole) width - 9.35 inches  
deep - 3.24 inches  
Single Unit: 10.78 inches wide  
Dual Unit: 25 inches wide

### Environmental

Environmental: NEMA 3R  
Operation Temp: -30°C to +50°C (-22°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: 2009  
UL 61010-1/R:2008.  
EN 61010-1:2009  
NEC 625 Compliant  
Personal Protection: UL 2231 (CCID)  
EMI: FCC Part 15 Class A

### 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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