

# Series 4R – 7.2kW Home Charger

**7.2 kW Home Charger designed for drivers who want to charge their electric vehicle safely and in the privacy of their own home.**

## Charge Ahead

SemaConnect premium electric vehicle charging made accessible so everyone can plug into the EV revolution.

### Wireless Technology

The station communicates with our cloud for authentication, payment processing and for Over the Air Software Update via Wi-Fi

### Robust Plastic Enclosure

Prevents Damage from the Elements  
UV Stabilized  
Fire Retardant

### Built-in Electricity Metering

Manage your electricity cost.  
Manage it via the web

### Alexa Voice Control Enabled



### Easy-to-Read OLEO Display

Displays Charging status and other key information in a easy to see display

### Interactive LED Lights

Quickly identify the station status with blue meaning available, green is charging and red signals a faulty Charger.

### Type 2 IEC 62196 Plug

The Emerging India Standard.

# The SemaConnect App



Instant Updates  
& Notifications



Secure  
Log-in



SmartPhone  
Application



Customer  
Support



Charging  
Status

Designing the SemaConnect charging station came with one goal in mind:

To create the perfect electric vehicle charging station suitable for multiple applications

Such as apartments, offices, hotels, retail, fleet and parking spaces. Its compact form factor, ease of installation and comprehensive online management system make it the best choice of charging electric vehicles.

Multiple mounting options:



single pedestal



wall mount

## Power Specifications

AC Power Source	230V, 50Hz Supply
Power to Electric Vehicle	230V, 32A, 7.2kW
Service Panel Breaker	2-pole, Common trip, 20-80A circuit breaker
Energy Metering Accuracy	1% at 5 min intervals; 0.5% capable
Vehicle to Charger Connection	Type 2 (IEC 62196) Connector with 18ft Cable
Standby Power	3.9W typical

## Safety Specifications

Personal Protection System	Charging Circuit Interrupting Device (CCID) Trip Threshold 20mA. Auto reset with 15min delay
Automotive Unplug Detection	Charger output voltage terminated
Codes and Standards	IS17017, UL 2231-1, 2231-2, and UL2594 compliant
Compliance	ARAI, NEC Article 625 compliant

## Network Specifications

Wide Area Network	Wi-Fi
Network Security	128-bit AES Encryption
Network Communication Protocol	OCPP

## Communication Device Specifications

LED Array	High visibility, multi-color visual status indication
LED Display	128x64 pixels

## Environmental Specifications

Outdoor Rated	NEMA 3R
Operating Humidity	Up to 95% non-condensing
Operating Temperature	-22 °F to 122 °F (-30 °C to +50°C)

## Other Specifications

Surge Protection	6kV@ 3,000A per UL 2231-2
EMC Compliance	FCC Part 15 Class A, IC RSS-210
Dimensions	516mm * 164mm * 164mm
Approx. Shipping Weights	10kg