

G R A N D I S +  
E V C H A R G I N G  
C A T A L O G

CORAL REEF DEVELOPMENT GROUP LLC

**From  
Home to  
Retail  
Charging  
Stations**

Volume

**03**

2023



# About Us

Coral Reef Development Group LLC is a leading multi-disciplinary international corporation, filled with problem solvers and creative thinkers that are committed to delivering professional solutions by supplying our clients with "GRANDIS Steel Frame", the most technologically advanced Light Gauge Prefab Steel Framing Systems, as well as Electric Vehicle Charging Stations and Solar Panels, Water Treatment & Generation Systems, and more.







# Why Install EV Charging Stations?

- Generating an additional revenue stream
- Earning LEED Points
- Bringing in new visitors to your property and “repeat customers”
- Be an EV charging “node” in your community
- Valuable amenity for Executives, staff, other professionals and visitors who drive EVs.
- Enhancing the visual appeal of the facility with high-tech charging stations

# Our Process

## All-In-One Service

From Purchase to Install

Once you've met with one of our qualified sales representatives and chosen your new station, we will contact you for a Site Review. One of our talented electricians will visit and conduct an official Site Review. (Depending on the project)

Upon delivery of your new EV Station we will install and set-up your new system so you can start charging the same day! All of our systems come with 1-Year complimentary Full-Swap out Warranty and free Network Services.

A Complete EV Charging Solution  
That's Simple from the Start

# Network Reliability



- ✓ **Interoperability and partnerships:** We offer five ways to initiate a charge, including alliances with PlugShare and ChargeHub
- ✓ **Real-time charging status:** Drivers can check the Driver Dashboard and set notifications, so they know when to unplug
- ✓ **Personalized reports:** Personalized sustainability report calculates each driver's carbon offset and fossil fuel equivalent reduction



## Find Charging Stations

Get directions to SemaConnect charging stations.



## Join the Network

Manage payments and gain access to private stations.



## Charge with the App

Access your account and get directions through the app.



## OUR PRODUCTS

### Series 4 Home Charger

\$575

Home Charging Station for drivers who want to charge in the privacy of their own home.



### Series 6 Commercial

\$3,769.50

Designed for commercial applications – workplace, multifamily, hospitality, retail, and the public sector. The most flexible solution and allows for multiple users and groups with the ability to set hourly rates and more.

### Series 7 & 7Plus Fleets

\$5,340

We make it easy to charge your EV fleets and make sure they are ready to go. Smart charging for your fleets ensures you have all the information you need, including built-in alerts and a smart dashboard to visualize detailed reports on electricity used, carbon offset, fuel savings and more.





## Series 8 Retail

\$7,740

Designed for commercial applications with credit cards. With our built-in credit card reader, drivers don't need a network membership to charge their vehicle. Applications: including shopping malls, hospitals, municipal parking, and any retail location.


## Mounting Options

Every property is different. Whether you manage an open parking lot or a garage, our experts will help you choose the best mounting option for your space.

The sleek enclosure and small form work in conjunction with the mounting hardware creates an unobtrusive footprint. Choose a pedestal or wall/pole mount for Level 2 charging stations.



# Series 4 Specs



The SemaConnect Series 4 EV Home Charger is designed for drivers who want to charge their electric vehicle safely and in the privacy of their own home. With innovative features, the Series 4 allows for maximum power delivery, greater convenience, and the advanced technology drivers need to ensure their vehicle is ready to go.

## Key Features

- Level 2 Charger (240V) with flexible amperage up to 50A
- WiFi Enabled
- Easy-to-Read OLED Display
- Long 25-foot Cable
- Easy Installation

## Additional Features

- Charges up to 37 miles of range per hour
- Flexible configuration: power output level (16-50 A) can be configured to accommodate a range of circuit breakers
- J1772™ Plug is compatible with all EVs and plug-in hybrids
- Wireless technology allows for easy over-the-air firmware upgrades
- Phone app pre-schedules sessions, power shares, & locks the station
- NEMA 14-50 electrical plug or hard-wired option
- Alexa Voice Control: will be compatible in the future
- Fleet-ready: will support power sharing and fleet vehicles in the future



# Series 6 Specs

## Wireless Technology

The Station communicates with the software and produces real-time data.

## Rugged Aluminum Enclosure

Prevents damage from nature and natural elements.

## Built-In Electricity Metering

Manage your electricity cost.

## Open to Every EV Driver

 PlugShare **EVgo**

SemaConnect is open to all drivers and driver programs like PlugShare, EVgo and Chargehub.

## Convenient Access Panel

Easy installation and connectivity.



# Series 7 Specs



## 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



# Series 8 Specs

One of the most convenient EV charging stations available today. The **Series 8 EV Charging Station** was designed for commercial applications where drivers are likely to pay with a credit card. This means no membership is required to charge your vehicle. This is perfect for all commercial applications, including shopping malls, hospitals, municipal parking, and any retail location.

## NO MEMBERSHIP REQUIRED

PAY  
WITH



## Features

- Two EV charging plugs / supports two parking spots
- Easily implement desired pricing policy:
  - Duration-based (hourly),
  - Time-of-Use, and kWh
- Credit card reader accepts all major credit cards
- Supports physical and contactless payment options
- Create access policies for public, private, or multi-group
- Sharing features include:
  - Real-time availability
  - Charging status
  - Alerts / notifications
  - Station waitlist feature
- Smart card authentication
- Pay with PlugShare
- Large display delivers instructions, rates, and details
- Video camera for future applications
- Optional cable management system





# THE COMPLETE PACKAGE

## GRANDIS+ Power

Solar Panels and Batteries

Fitted for all project types, farms, etc!



## GRANDIS+ EV Charging

Residential, Commercial,  
Fleet, & Retail

## GRANDIS+ Water Solutions

- Atmospheric Water Generators
- Grey Water Recycling
- Reverse Osmosis and More!





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