



We are **OCPP-compliant.**

Spectra Moon™ compliance to OCPP standard for backend software suite apply in the ALL Electric Vehicle Charging Station with this standard. This software suite come with the following features:



EV Mobile App



Accept Payments



Automated User Onboarding & Verification



Active Monitoring & Auto-Recovery



Operator Backend



Revenue Sharing & Settlement Reports



Locations



CRM



Tariffs



Vouchers



Dynamic Load Management



Analytics

Spectra Moon™ software suite platform make management of EV charging stations much easier. It also allows the operator the abilities to manage their EV charge point network, service their customers with accept Credit/Debit Card payments platform, get real-time and historical reports and more. With Spectra Moon™ suite it has a complete management tool to run your EV charging operations include the mobile APP that is downloadable via Google Play and Apple App store.

**The only
EV platform**
that make fit all
your need

Spectra Moon Pte Ltd
11 Woodlands Close #06-11
Singapore 737853

Spectra Moon Sdn Bhd
3A-18 Citrine Hub, Sunway Iskandar
Persiaran Medini 3
Bandar Medini Iskandar
79250 Iskandar Puteri
Johor Darul Ta'zim



Distributor contact

Airetec Pte. Ltd.

21 Woodlands Close, #07-44 Primz Bizhub

Singapore 737854

Email: sales@airetec.sg

www.airetec.sg

www.spectramoon.com

EV Drivers' Apps

The mobile apps used by your customers to find and use a charging station and to pay for their charging. Apps are published in Google Play and Apple App Store. Customize and insert your logo at your charger location to match your unique brand identity.

Accept Payments Directly

The system integrates with credit card payment through the merchant account using Stripe and other local payment gateways supported is in development. This way, whenever a user pays for charging or tops up their balance, the money deducted onto the users account. Currently, our platform can accept payments with credit / debit card.

The system is designed to a variety of payment strategies, which can be configured according to operator requirements:

- + Credit card payments with or without pre-authorization (amount blocked at user's card before starting session)
- + Pre-paid model with optional auto top-up of balance
- + Corporate billing - users bill their charging fees to the company (Partner in your system) and the company pays in bulk at the end of the month
- + Virtually any model is supported and can be configured to match your business requirements

Automated User Onboarding & Verification

The user signup process is fully automated - users sign up through the mobile app. Based on your requirements user verification via SMS and/or e-mail can be activated.

Active Monitoring & Auto-Recovery

Uptime of your charge points is actively monitored by the system. There is an intelligent auto-recovery system in place, which attempts to resolve any faults.

Any fault or loss of connectivity is logged, and a notification is sent through e-mail.

Charging Stations

Connect any OCPP charging station to your backend and manage, monitor and control it remotely.

- + Location and address
- + OCPP connection
- + OCPP configuration keys
- + Dynamic load management
- + Monitoring & auto-recovery
- + Remote functions:
 - Reset
 - Firmware update
 - Start/stop session
 - Run diagnostic report, trigger OCPP message, unlock stuck connector and many more

Locations

Manage locations and setup geographic coordinates with an easy map picker. For each location you can setup one or more charging zone in case of multi-story parking, for example. Locations are presented with a separate pin on the map in the EV drivers' app. The pin is positioned according to the location's geographic coordinates.

CRM

A complete overview of your customer accounts, charging history, contact details, registered payment, methods, balance and more. You can add customers to groups to provide special priority and access.

Tariffs

Flexible tariffs management and setup options. You can create tariffs based on kWh, duration (per minute), define special pricing for specific user groups. Tariffs are applied per EVSE (charge point connector), allowing for location-based pricing. Special pricing could be set for users of the location host (partner).

Vouchers

Generate pre-paid vouchers to use in marketing campaigns or to sell as a pre-paid option.

Settlement Reports

The generated revenue is calculated, and automated settlement reports are created each month. With this function, it will help to ease the administration process in managing the charging stations.

Dynamic Load Management

Group charging stations to apply dynamic load management rules. An intelligent algorithm manages the load on the charging stations within the group to ensure optimal load distribution while not exceeding the maximum limits for the group.

Analytics

A powerful reporting tool with visual data presentation allows for running reports on a variety of metrics such as energy (kWh), revenue, user's behavior, etc.

The Analytics tool allows you to compare data from different periods, filter by many criteria such as the type of the charge point (AC or DC), the location, partner, and many more.

