

EV OS Platform Features & Benefits

Overview

ABM EV OS is a versatile, cloud-based operating platform that can run a single charging station or a network of charging stations across multiple locations. Utilizing smart algorithms and intelligent monitoring, the software balances electrical usage, optimizes available power usage and protects local electrical systems from overloading. ABM EV OS also offers flexible implementation options to suit your ideal number of chargers.

Core Services

- **Remote operation management** that is scalable and brings a single charging site or entire charging network into focus on a single platform
- **Easy access information management** includes the location and pictures of each charging site
- **Comprehensive reporting** with automatic peak-hour pricing and cost optimization
- **Automatic infrastructure diagnostics** that reduce downtime and enhance visibility to ABM service and maintenance teams

Microservice Library


- **An ever-expanding library of microservices** and timely custom implementation that can fit any business needs
- **Energy management, enablement, and promotion features** to optimize operation

Advanced Services

- **Customizable solution** for business and charging network operators of any size
- **Build your own charging ecosystem through API integrations** including rewards programs, building entry badges and parking systems

Features & Benefits

 Access Code	 Prepaid E-Card	 Promo Codes	 Load Management
---	--	--	---

 Access Code	<ul style="list-style-type: none"> • A self-manageable code for free, app-less EV charging that can be offered to guests, customers, or VIPs • Attract more EV driving guests and visitors with this premium, eco-friendly amenity <hr/> <p>Key Features</p> <ul style="list-style-type: none"> • Control charging access by changing the Access Code as needed • Once customers receive their Access Code, they can charge their vehicle without signing up for apps or memberships • Review analytics to plan future operations <hr/> <p>Benefits</p> <ul style="list-style-type: none"> • Use this Access Code just like a Wi-Fi password • Offer it to everyone or save it for VIPs
---	--



Prepaid E-Card

- Allows for an easy charging experience for drivers who want to budget their spending
- Allows for a single payment that can be spread across multiple charging sessions
- Allows for different values to be set for customers or to be given as promotions

Key Features

- Drivers can recharge after using up the amount and easily continue using the same card
- Eliminates transaction fees charged by payment gateway providers
- Allows for management of multiple aspects of charging, such as number of users and their access
- Enhances cash inflow to support the EV charging business

Benefits

- Offers residents, customers, or employees a simple way to access charging
- Allows for discounts, rewards, and promotions to be offered
- Convenient tool for network operators to capture a bigger audience and make it easier for customers to use EV chargers



Promo Codes

- Allows EV charger managers to turn chargers into powerful marketing tools
- Offers flexibility in getting codes to customers through various methods, such as in print, email, and public posts
- Improves customer retention and increases charger utilization through promotional campaigns

Key Features

- Offers discount flexibility by choosing a percentage or dollar amount discount
- Allows for easy organization through specific names and descriptions
- Allows for control of usage with validity periods
- Allows for management of access by choosing how many times a single user can use a standing promo code

Benefits

- Encourages customer behavior by offering discounts for specific charging stations and locations
- Creates event-specific promotions for holidays or store events
- Promotes newly opened sites with EV charging discounts for customers' first visits
- Managers have access to usage data and charging histories
- EV drivers do not need to download an app or create an account to use the codes, making them easy and accessible



Load Management

- Designed for electric fleets of any size, this fully autonomous system improves efficiency and provides maintenance-free operation
- Smart scheduling optimizes energy usage and helps control rising fueling costs
- Fleet operators can charge vehicles during off-peak hours to lower ongoing energy costs
- Managers can register the list of vehicles in the fleet and view vehicle statuses
- Smart energy allocation to control power across charging stations

Key Features

- Provides analytics for pricing, marketing, promotions, and customer care
- Eliminates transaction fees charged by payment gateway providers
- Encourages usage and makes it easy for customers
- Allows customers to use different payment methods

Benefits

- Customers receive invoices for their usage or energy consumption, typically monthly
- Customers can clear their payments after charging, typically monthly
- This system is easy and familiar, like paying for a cell phone bill at the end of the month
- Used for residential buildings or office parks that provide chargers for employees
- Can also be offered by charging network operators to enterprise customers as a tailored charging service with a post-billing option