



Webfleet Charger Monitoring

Charge better, save more

Webfleet Charger Monitoring is a new module in Webfleet that helps monitor private depot charging. It works in addition to existing charger management services and enables users to link charging status to their vehicle operations in one place.

BENEFITS



EVS AND CHARGERS AT A GLANCE - ALL IN ONE PLATFORM

- Monitor your fleet and private charging stations in one single platform
- Track which EV is connected to each charger effortlessly
- Compatible with existing CPO backends and Charger Management Solutions



MINIMIZE FLEET DOWNTIME

- Link charger status to vehicle availability
- Anticipate remaining charging time for vehicles
- Receive and redirect notifications on critical charger statuses (in roadmap)



GAIN INSIGHTS FOR GROWTH AND OPTIMIZATION

- Optimize charging with data from your stations and vehicles.
- Assess EV fleet growth potential based on charger utilization data.
- Gain insights into monthly charging costs
- Analyze EV charger occupancy to optimize energy tariff selection and consider opening private chargers to the public during off-peak hours.

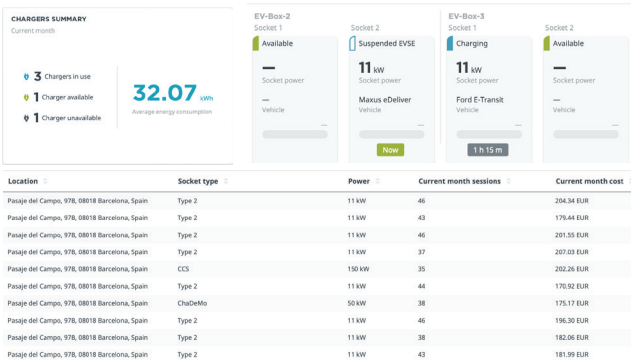


FEATURES



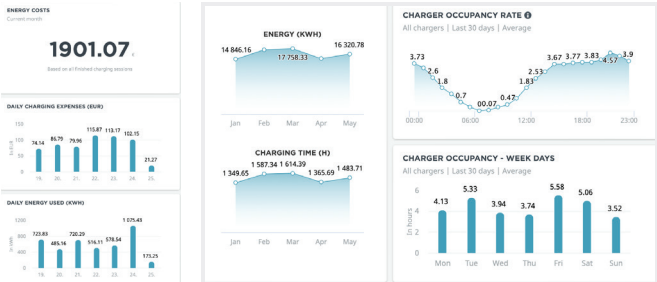
CHARGER MONITORING

- Monitor all your private chargers and vehicles in one place while staying on top of your vehicle-to-charger connections.
- Real-time updates: See charger availability, occupancy, charging speed and remaining time.
- Multi-site monitoring: Oversee chargers at multiple locations without extra hardware.
- Easy integration: Requires OCPP 1.6-compliant, internet-connected chargers.



CHARGING PERFORMANCE DASHBOARD

- Track charging performance on the dashboard and get all the key insights needed to improve your operational charging strategy.
- Access energy costs, consumption, usage trends and average charging time for each charger across multiple sites.
- Get an overview of expenses, occupancy and charging trends to find improvement opportunities.
- Monitor if vehicles are charged during low energy tariffs, and if your charging infrastructure is well utilised.



WHAT IS REQUIRED?

CHARGER CONNECTED TO INTERNET

The charger needs to have an internet connection so that we can communicate with it.

CONNECTION TO CHARGER VIA OCPP 1.6 OR VIA BACK-END

Webfleet can connect directly to the chargers via the OCPP 1.6 protocol or alternatively integrate with your existing charger back-end (CMS) suppliers.

ONBOARDING OF THE CHARGERS

Provide charger details such as make/model, charger ID, max power, location, max grid power, energy tariff, and URL of the current charger back-end (CMS) if applicable.

CHARGER CONNECT TO WEBFLEET

We prepare the Webfleet module and provide the customer instructions to re-direct the charger's OCPP URL to: ws://ocpp.biapower.io or enable the direct connection to the back-end (CMS)