
ECOFACTOR
Our hardware manufacturing.
Our software.
Your EV future.
ecofactortech.com

Our complete EV charging solution provides convenient AC/DC charging for employees, customers, visitors, residents, and fleets.

With our EV charging management platform and in-house EVCS design and production, along with power management features, you can easily scale your charging capacity while lowering expenses.
Regardless of your organization's goals or the needs of EV drivers, we dedicate our full cycle of EV charging services to a smooth start and measurable success.

Our integrated solution includes:

1. In-house engineered and manufactured EVCSs
2. Full-cycle installation & maintenance
3. Hardware agnostic EV charging platform
5. CPO and driver care team

GET READY FOR YOUR EMOBILITY FUTURE WITH OUR INTEGRATED CHARGING SOLUTION

ECOFACTOR HARDWARE.

GET READY FOR TOMORROW.

ECOFACTOR charging points meet your EV customers' needs and adapt to rising demand. Future-proof your charging with our hardware and smart charging support.

ECOFACTOR PLATFORM.

MANAGE CHARGING WITH EASE.

Our platform simplifies charging management and allows you to easily alter settings as you go. Monitor usage, set pricing, control energy, and simplify reporting across all of your stations, including previously installed hardware.

ECOFACTOR APP.

FIND. PLAN. CHARGE.

Power your EV journey with ECOFACTOR, where over 200,000 EV drivers across Ukraine, Europe, and Central Asia connect to unlock seamless charging experiences. Find the perfect charging stations that match your route, your schedule, and your EV.

ECOFACTOR AT A GLANCE

10 yrs
on the market

Leading EV
charging network
in **Moldova & Uzbekistan**

3K+
charging stations on the
ECOFACTOR platform

100+
employees
worldwide

#1 EV
charging network
in Ukraine

18K+
charging points manufactured
(as of January, 2024)

500K+
charging points
in the roaming network

60,000,000 kWh+
energy delivered

38.4%
market share
in Ukraine

500+
CPOs in 11 countries
across Europe & Central Asia

200K+
EV drivers' community

OUR CLIENTS:


amazon


AC
AUTO
CHARGE


SOCAR


MEGAWATT
ENERGY


ЕПІЦЕНТР


WATTTECH
THE POWER TO CHARGE


LONDON ENGINEERS COMPANY

MEET THE TEAM

Sergii Velchev

Founder & CEO

Volodymyr Revera

Co-founder &
Chief Technical Officer

Dmytro Ovsiannykov

Chief Financial Officer

INTERNATIONAL TEAM

Rodion Borokhovych

Head of
Business Development

Scott Edy

Geo Director

Katya Kotlyar

Marketing Lead

EV CHARGING ECOSYSTEM
FOR ALL YOUR BUSINESS NEEDS

We design, engineer, produce EV charging points to the highest quality standards.

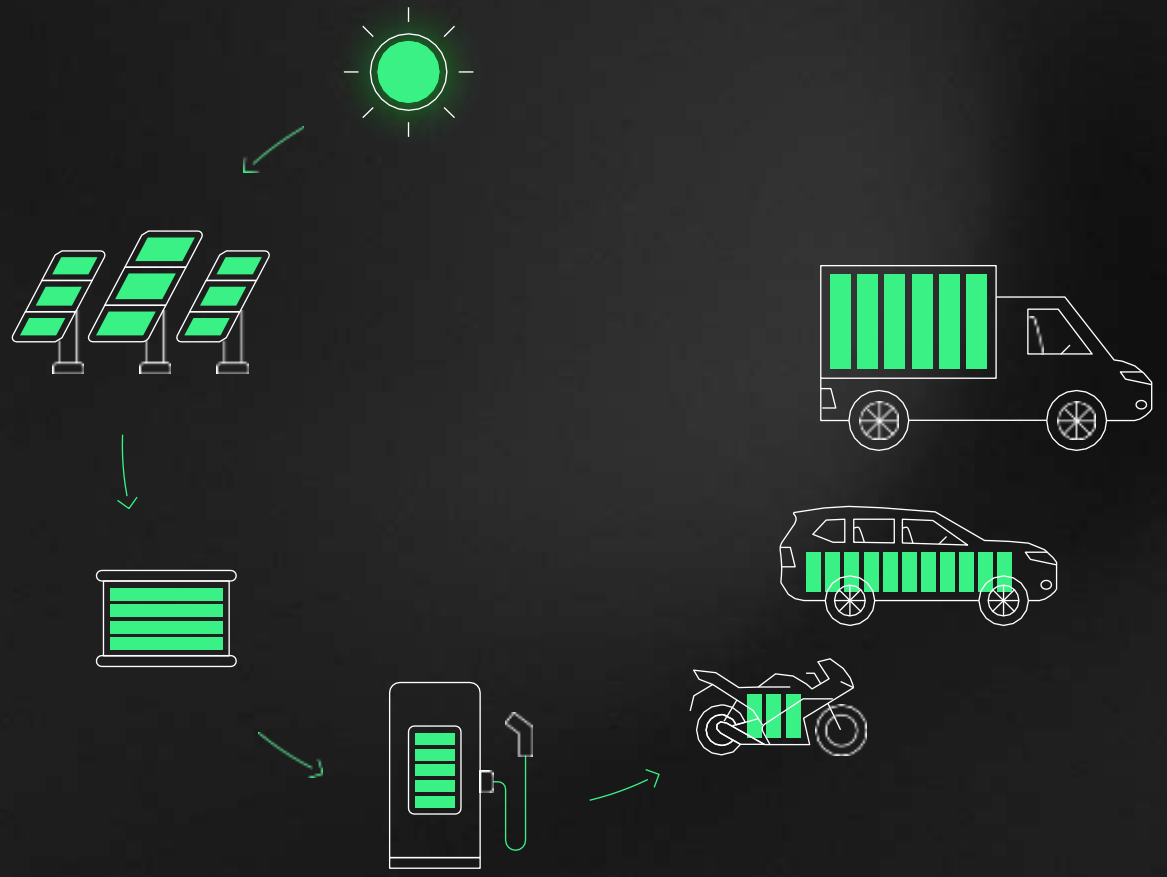
Hardware agnostic software platform for fleet, public, workplace, retail, residential, and home charging.

Find, plan, and charge in ECOFACTOR 4.7/5.0-rated mobile app and join the community of 200K+ EV drivers.

ECOFACTOR Solar Renewable Energy Hub is scheduled for release in 2025.

RENEWABLE ENERGY HUB: POWERING YOUR EV WITH SOLAR

ECOFACTOR Renewebale Solar Energy Hub is an energy ecosystem that considers not only how energy is created, but also where that energy is deployed to maximise its influence in addressing climate change.



WE DESIGN, ENGINEER, AND BUILD HIGH-QUALITY EV CHARGING POINTS FOR ALL BUSINESS NEEDS

Our EV chargers boost your revenue, not costs because they offer:

- Dynamic energy management
- Flexible & modular hardware design
- Smart charging
- Payment terminal integration
- Vandal-resistant construction
- Short lead-time to supply
- In-house 24/7 support channels
- Own R&D center
- Media screen adds advertising value

ECOFACTOR SPLIT SYSTEM
TO MEET THE GROWING SCALABILITY DEMAND

TOR Split System

4-12 plugs

Max. 1.4 MW

Material: Sheet Meta

Surface: Powder coated

Installation: Floor-mounted

Dynamic power distribution

Flexible installation
(up to 100 m from Power Units)

Power Unit

Grid connection: L1, L2, L3 +N +PE

74,8 x 35,4 x 31,4 inches

Weight: 881,8 lb

Cooling: Forced-air/Liquid

DC Split Unit

Grid connection: L +N +PE

94 x 12,2 x 31,4 inches

Weight: 330,7 lb

Liquid Cooling

WE DESIGN, ENGINEER,
AND PRODUCE
EV CHARGING POINTS IN
COMPLIANCE WITH
INDUSTRY STANDARDS

ECOFACTOR DC
Charging stations:
in just 3 months, from
concept to production.

DC TOR

NV 120-360 EFC

2 plugs: CCS2

Min. 120 kW

Max. 360 kW

92,9 x 44,5 x 20,5 inches

Floor-mounted

AC NV 120-360 EFC

Type 2 plugs/sockets

Up to 22 kW

74 x 12,2 x 5,9 inches

Floor-mounted

AC HOME

Type 2 plug

Max. up to 22 kW

9.8 x 5.1 x 19.7 inches

Wall-mounted

Hardware AI/ML Features

PREDICTIVE MAINTENANCE

Use Case: Early detection of potential hardware failures to reduce costly downtime and repairs.

Description: ML algorithms monitor metrics (temperature, voltage, current) and compare them against historical data, alerting operators about impending failures.

Why AI/ML: Models “learn” from historical patterns to forecast failures rather than just reacting to current states.

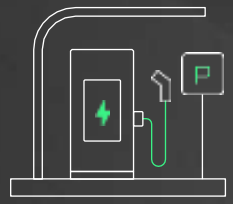
DYNAMIC LOAD BALANCING

Use Case: Optimally distribute power among stations to avoid grid overload and peak demand costs.

Description: Real-time adjustment of charging output across stations, keeping total load within safe limits.

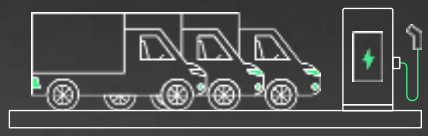
Why AI/ML: Algorithms assess real-time consumption and forecast demand, adapting distribution strategies to prevent bottlenecks.

WE ARE READY TO CHARGE ANYWHERE YOUR BUSINESS NEEDS IT

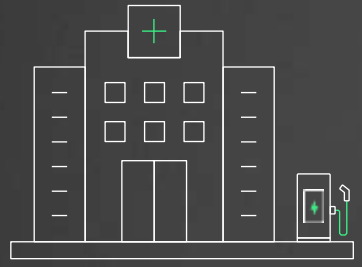


Public/Parking

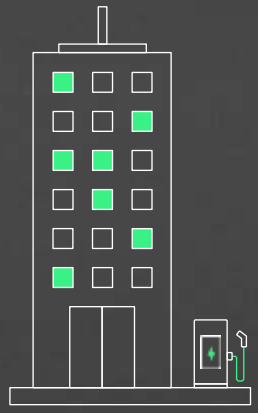
Retail



Fleet/Depot



Hospitality



Workplace

Residential

ONE SOFTWARE PLATFORM
FOR ALL YOUR BUSINESS CHARGING NEEDS

PLATFORM CAPABILITIES

Load management: Static & dynamic optimisation.

Dynamic tariffs: based on kWh, Time-of-Day, location, driver groups, vehicle groups, and many more.

Payment options: Subscriptions, instant payments, commercial tariff agreements and free-vend.

Reporting: Charge summary report, dynamics by time, monthly performance, maintenance analysis, utilisation types.

Monitoring: Connectivity, fault detection, energy balancing.

Charging spot reservation offers increased station utilisation, reduced idle time and notification for EV driver when a charge point becomes available.

Software Platform AI/ML Features

FAILED SESSION ANALYSIS

Use Case: Diagnose reasons behind incomplete charging sessions — be they technical, user-related, or connectivity-based — to boost reliability.

Description: CPMS logs incomplete sessions, classifies them by failure type, and provides structured insights for remedy.

Why AI/ML: Machine learning uncovers recurring error patterns, helping operators address systemic issues rather than isolated incidents.

PERSONALIZED TARIFF AND DISCOUNT RECOMMENDATIONS

Use Case: Increase station profitability by dynamically tailoring pricing to user habits and demand.

Description: The system analyzes user behavior, time intervals, and location to recommend optimal pricing strategies or discounts.

Why AI/ML: Models correlate historical usage and demand patterns to propose data-driven price adjustments in real time.

DYNAMIC PRICING

Use Case: Encourage off-peak usage to spread demand more evenly and boost revenues.

Description: Rates adjust automatically based on factors like time of day or real-time station load, incentivizing off-peak charging.

Why AI/ML: Predictive models estimate how price fluctuations affect session timing, optimizing load distribution and revenue.

FIND. PLAN. CHARGE.

Why ECOFACTOR App will become your EVerything you need to recharge?

Find: Sort by connector type and speed (kW).

Check: Real-time availability data.

Reserve: Book in as little as 15 minutes in advance.

Pay: With Apple Pay, Google Pay or credit/debit card.

Monitor: Charge session, spend, receipting.

Care Team: Available 24/7.

200K+
EV drivers

4,7/5
User review

App AI/ML Features

REAL-TIME NOTIFICATIONS AND STATION AVAILABILITY

Use Case: Alert users about their charging progress, station availability, and estimated wait times, enabling them to make informed decisions (e.g., whether to wait or switch to another station).

Description: The mobile app continuously pulls real-time data from the CPMS to display each station's current status (occupied/free), along with an AI-driven prediction of how long a station will remain occupied. Historical session metrics (e.g., average charge duration, time-of-day usage patterns) and external factors (like traffic or weather) feed into these predictions. If a station is projected to remain busy, the app automatically suggests alternative stations nearby and estimates the total time to drive there plus the likely availability upon arrival.

Why AI/ML

- Predictive Availability: Machine learning models forecast when a station will become free, not just showing "busy/free" in the present moment.
- Personalized Estimates: AI tailors notifications based on the user's charging habits, vehicle type, and typical charge duration.
- Smarter Routing: By combining station load forecasts with traffic data, the app can suggest faster or more efficient alternatives, minimizing idle wait times.

TESTIMONIALS:

" It is crucial for us to proactively drive change towards a greener future. When selecting a supplier for our charging initiative, it was essential that the supplier had a robust product and demonstrated the same enthusiasm and commitment to sustainability. ECOFACTOR met all the necessary criteria. "

Embassy of Switzerland in the UK

" ECOFACTOR has proven to be a reliable and committed business partner. They delivered durable and future-ready EV charging hardware within the agreed timeline, meeting our high standards and expectations. "

Lubomir Jakubik
Consulting PM of Amazon project

“ Our company made a significant decision in selecting ECOFACTOR as our software and hardware partner. This empower us as a CPO to address all EV charging use cases. ”

Dmytro Krupnov
Director
auto-charge.cz

“ EWe chose ECOFACTOR as our supplier due to their range of EV Chargers and CPMS products, which enables seamless management of energy distribution at our facility and the scaling of our charging network. ”

Vadym Voitovych,
Executive Director "IONITY Ukraine"
ionity.ua

CONTACT US

rodion.borokhovych@ecofactortech.com

FOLLOW US ON:

Linkedin Instagram Youtube Facebook