



AI POWER INTELLICHARGE.AI

**REVOLUTIONIZING ENERGY EFFICIENCY
NOW IN MEGAWATT SCALE**

10 AUGUST, 2025

AI POWER

AI Power is a Danish tech company developing AI-based energy management systems. Founded in 2022, we are headquartered in Odense with a team of 10.

We help households and businesses optimize solar, batteries, and flexible electricity use to cut energy costs and CO₂ emissions.



Company overview



- FOUNDED IN 2022
- AI RESEARCH AND DEVELOPMENT IN 2023;
- 2024 CASH POSITIVE
- TEAM: 15 SENIOR SPECIALISTS AND A PROFESSIONAL BOARD
- COMPLETED TWO INVESTMENT ROUNDS WITH, TOTAL FUNDING DKK +5 MILLION



Core service IntelliCharge.AI

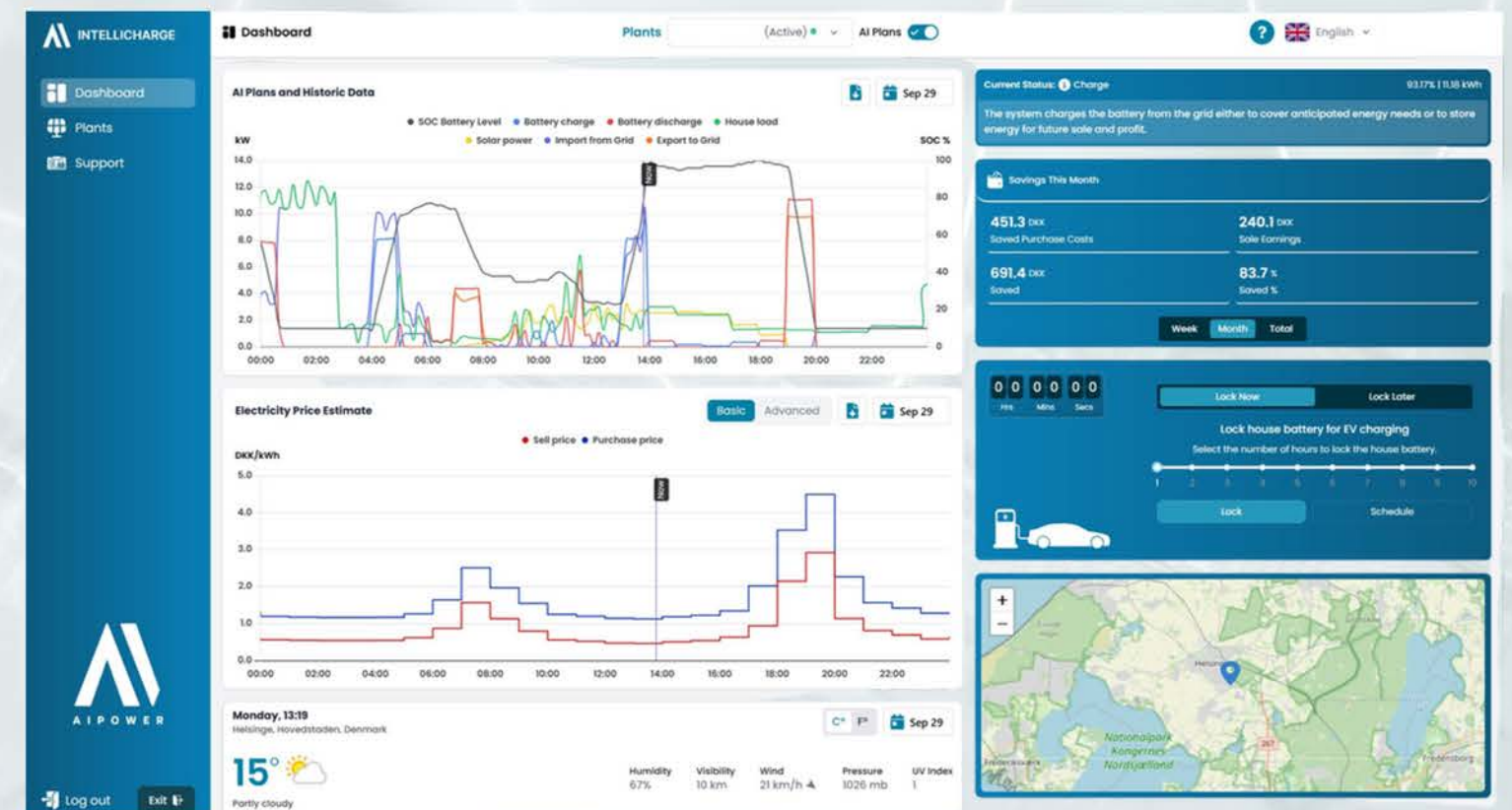


IntelliCharge is a Software-as-a-Service platform that optimizes inverters and batteries. It forecasts consumption and solar production, then controls charging, discharging, and export to maximize savings and unlock new revenue compared to baseline operation.

- Partners report ~25% better results than competing controllers.
- Customers achieve a lower average purchase price and a higher sales price per kWh.
- Results are documented in 15/60-minute logs and monthly summaries.

How It Works

- We integrate directly with partner hardware via secure APIs—no extra hardware required.
- IntelliCharge ingests live data, runs price, solar, and demand forecasts, and orchestrates assets in real time.



We support the world's largest inverter and battery manufacturers.

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From 15-minute prices to peak-shaving, our AI captures value you'd otherwise miss. It forecasts load and solar, charges at low prices, discharges at high prices, and avoids losses at negative prices. Installers get fast API onboarding; customers get measurable savings without changing habits.

What customers get

- Lower average purchase price per kWh and higher export revenue.
- Automated arbitrage, peak-shaving, and smart 0-export.
- Proven results in 15/60-minute logs and monthly reports.
- Secure, hardware-free integration with leading OEMs.

Built For Scale

- Rapid rollouts with standardized integrations.
- Installer tooling: fewer steps, fewer errors, higher ROI per install.
- Flex services roadmap (e.g., mFRR) where supported.



How IntelliCharge works



Documented Impact

Partners report ~25% better results than competing controllers—delivering both a lower average purchase price and a higher sales price per kWh for customers.

Core Principle

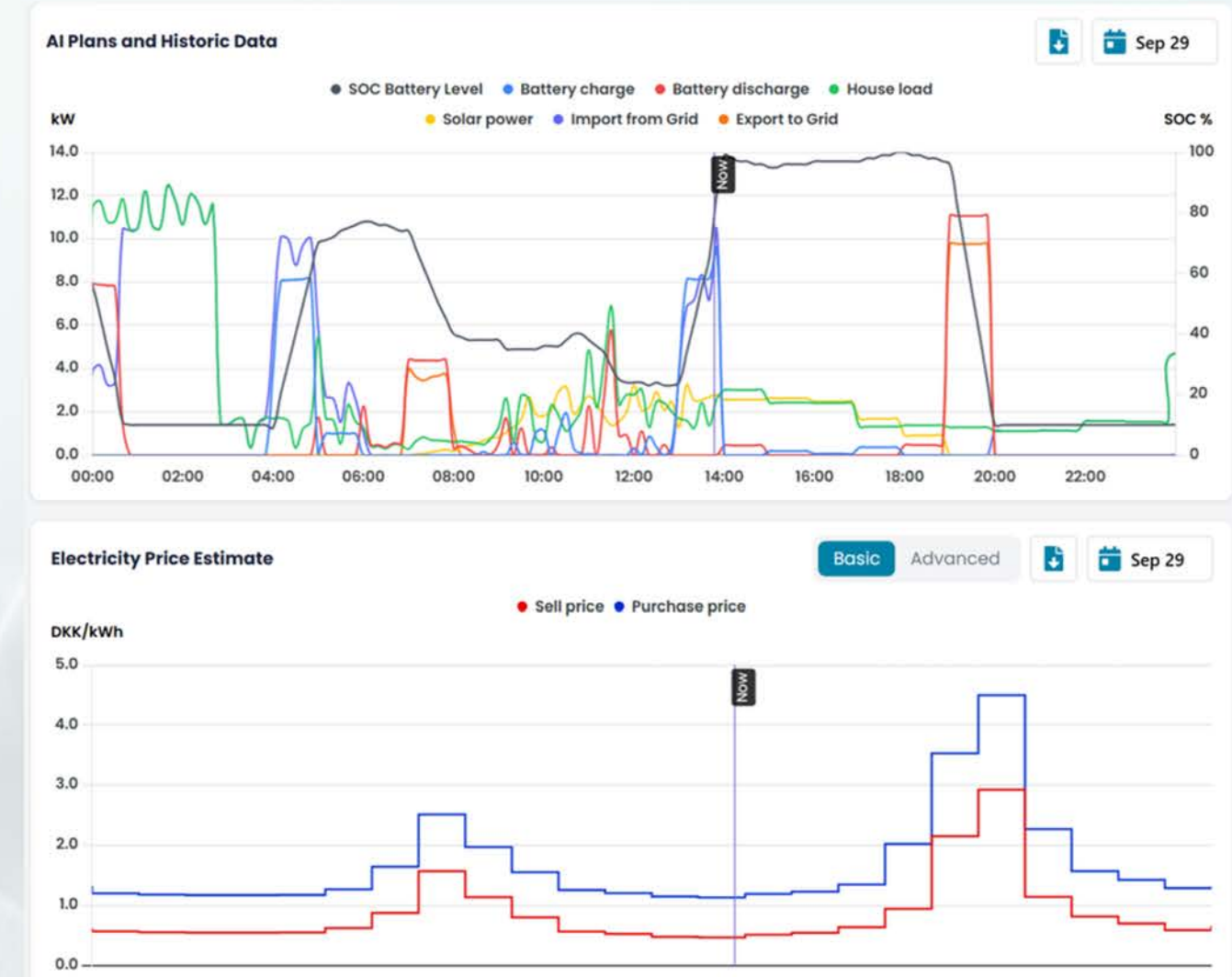
The system forecasts hourly or every 15 minutes electricity prices, solar production, and consumption. It then controls charging, discharging, and export based on the total purchase cost, including tariffs and fees.

Typical Actions

- Charges the battery at night when prices are low.
- Switches to discharge/export in the morning when prices are high.
- Stops export during negative prices and stores energy instead.
- Locks discharge for a set period (e.g., four hours) to reserve energy for the evening.
- Exports in the evening at high prices to generate extra income.
- Locks the home battery during scheduled EV charging so the car is prioritised without draining the battery.

Result

Lower average purchase price per kWh, higher export revenues, fewer losses during negative prices, and better battery utilization—documented in 15- or 60-minute logs and monthly savings reports.



Newness and innovation

Fresh Approach. We turn volatility into value with AI that plans every 15 minutes—not once per hour.

No Extra Hardware. Secure API control of leading inverters and batteries out of the box.

Adaptive Intelligence. Forecasts load, solar, and prices to charge low, discharge high, and avoid negative-price losses.

Peak-Shaving Ready. Caps kW draw with ramp control and SOC reserve to cut peak penalties

Proof, Not Promises. Savings documented in 15/60-minute logs and monthly reports.

Built To Scale. Standardized integrations for rapid rollouts across markets and partners.



We're Live In 5 Countries

Denmark • United Kingdom • Germany • Sweden • Spain

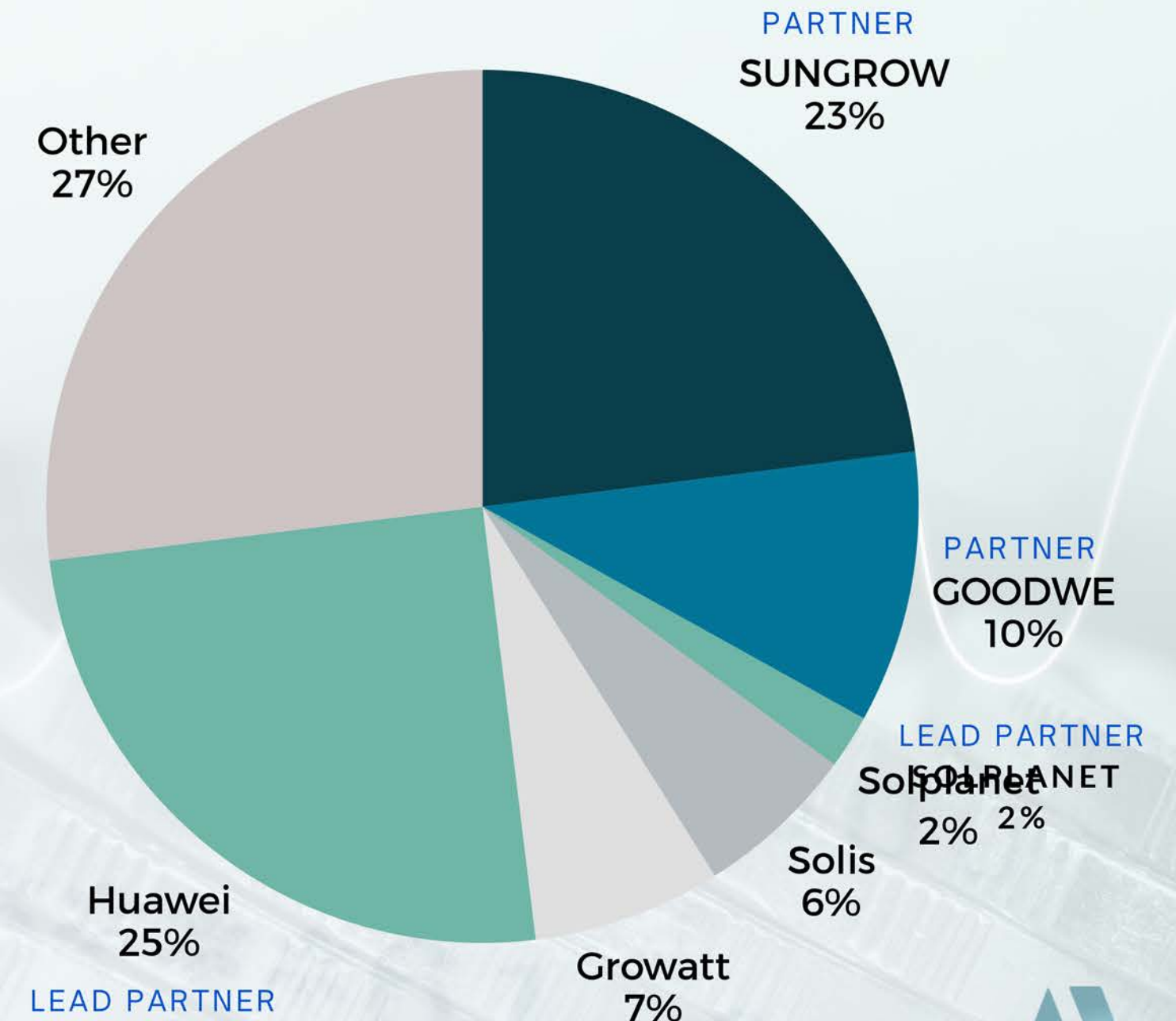
- Delivering AI-driven optimisation for solar, batteries, and flexible loads, now operating across five markets.
- We integrate with leading inverter and battery brands, forecast prices and production, and automate charging, discharging, export, and peak-shaving for measurable savings.



Market-driven interest

- AGREEMENTS WITH 50% OF GLOBAL INVERTER MANUFACTURERS.
- MARKET DEMAND DRIVEN BY FEAR OF MISSING OUT ON AI OPTIMIZATION.

INVERTER WORLD MARKET



Positive impact on real estate

Better Energy Classification

- Improved energy performance raises EPC ratings, boosts asset value, and widens buyer/tenant demand.

Lower Taxes & Charges

- Optimized consumption can reduce energy taxes, grid fees, and peak penalties—directly improving NOI.

Compliance With Legislation

- Automated reporting and controls help meet EU/EED, EPBD, and local building codes—lower compliance risk.

Lower CO₂ Footprint

- AI shifts load to cleaner hours, maximizes on-site solar, and cuts emissions—supporting ESG targets.

Operational Upside

- Fewer manual interventions, predictable bills, and data for capex planning—better performance with less effort.

Conclusion

INTELLICHARGE.AI: BUILDING A GREENER FUTURE

WE SHIFT MEGAWATTS ACROSS EUROPE BY CONTROLLING THOUSANDS OF SYSTEMS.

WE TURN USER SAVINGS INTO REAL, MEASURABLE CO₂ REDUCTIONS.

WE OPTIMIZE EVERY 15 MINUTES: CHARGE LOW, DISCHARGE HIGH, SHAVE PEAKS.

WE INTEGRATE VIA SECURE APIS—NO EXTRA HARDWARE, READY TO SCALE.

OUR NORTH STAR. SAVE 1 MILLION TONS OF CO₂ ANNUALLY BY 2030.

JOIN US. LET'S MAKE BUILDINGS SMARTER, GREENER, AND FINANCIALLY STRONGER—AT SCALE.



THANK YOU!