



Using AI to Optimize EV Charging Assets

Competitive Intelligence and Real-time AI pricing & load management





Alpha Grid, your charging network copilot

Plug and play autonomous software platform or data and intelligence tools

AutoPilot AI plugs into your existing network and keeps it **self-optimizing 24/7**—so every charger hits **peak margin, every day**
Market Intelligence AI empowers operators with **local market insights and competitive intelligence** on **pricing, revenue, and energy sales**



AI Pricing Engine

Updates rates up to every minute, capturing every surge or lull so you earn the maximum margin ahead of rivals.



Driver Satisfaction Radar

Instantly tracks PlugShare scores and site reviews, auto-tuning prices or promos to keep ratings high and loyalty strong.



Energy Optimization

Forecasts demand-charge spikes and shifts load in real time, slashing your power bill with zero impact on charge speed.



Competitive Intelligence

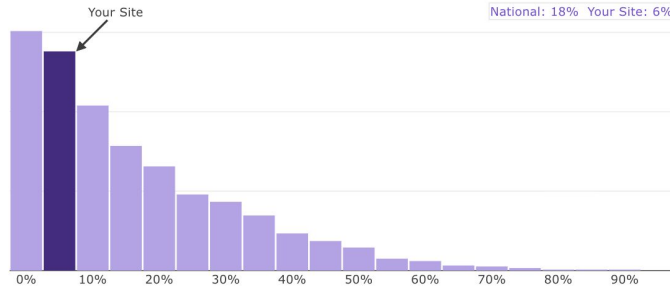
Monitors >150 k chargers worldwide—pricing, utilization, energy sold—so you position every site perfectly in its local market.



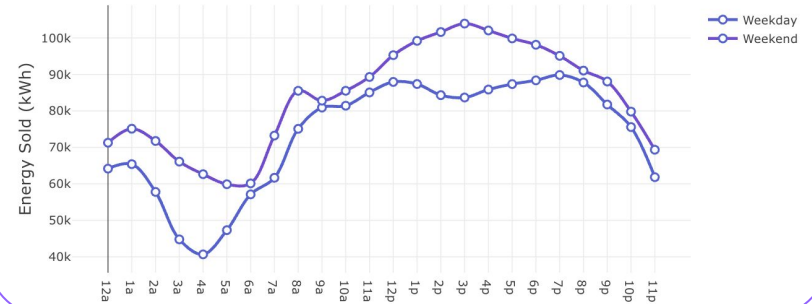
Quantifiable results that speak for themselves

Our AI monitors nearby supply and demand 24/7 in real-time

Benchmarking

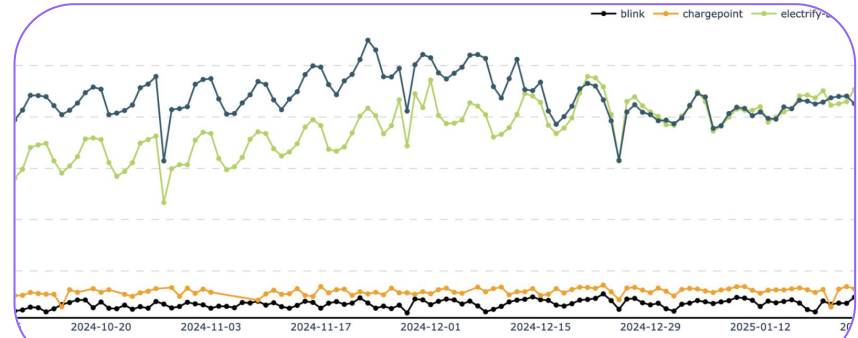


Seasonality



Chargers	5 Chargers 4 x 50.0 kW, 1 x 6.6 kW	6 Chargers 6 x 350.0 kW
Price (/kWh)	Min \$0.53 Average \$0.61 Max \$0.67	Min \$0.48 Average \$0.54 Max \$0.56
Utilization Trend (Last 30 Days)	+1%	+1%
Average Utilization	37%	31%

Hyperlocal Forecasting



Energy Volume (kWh)



We founded Alpha Grid to Accelerate EV Charging Growth

We built an AI platform to make EV charging bankable and scalable



Luke Ackerknecht, CEO

Luke has a decade of experience in artificial intelligence and energy optimization. He previously led product at Google X, the moonshot factory, and worked on AI at Google and Nest. Luke holds 3 patents, an MS in Computer Science from Georgia Tech, and a MPA and BS in Economics from Cornell University.



Phil Stahlfeld, CTO

Phil is an experienced tech leader and innovator, with over a dozen patents spanning breakthroughs in facial recognition, power systems mapping, and more. He has driven transformative initiatives at Google X, the moonshot factory, and Google. Phil holds a BS in Computer Science from Bucknell University.

