

ZOOZ Power's Holistic Solution for Ultra-Fast EV Charging

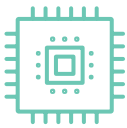
Seamless Integration of Intelligent EMS, Power Boosting & Energy Storage

A New Standard in EV Charging Site Management

ZOOZ Power delivers a groundbreaking solution that balances energy distribution in response to fluctuating charging demands, ensuring 24/7 reliable ultra-fast EV charging. By intelligently optimizing site power usage, our technology reduces operational costs, increases revenue, and enhances the driver experience.

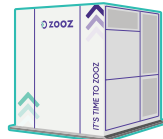


Three Integrated Components:



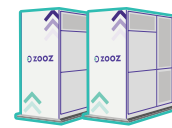
ZOOZ Energy Management System: The Smart Heart of the Charging Site

At the core of our solution lies the ZOOZ Energy Management System (EMS), which uses adaptive algorithms to optimize energy flow between the grid, renewable sources, and storage systems based on customer-defined parameters. Compatible with all EV charger types and protocols, the EMS operates locally on-site, providing real-time management, rapid response capabilities, and comprehensive cloud analytics.



ZOOZTER-100: Power Boosting for Ultra-Fast Charging

The ZOOZTER-100 kinetic power booster is a game-changer for high-utilization charging sites, delivering instantaneous power without straining the grid. With its high fast charge and discharge capability (C-rate 4), ultra-fast response time, and a long lifetime of 200,000 cycles, the ZOOZTER-100 provides critical power bursts during peak demand, enabling multiple ultra-fast chargers to operate simultaneously even with limited grid capacity and can maintain full performance in extreme temperatures.

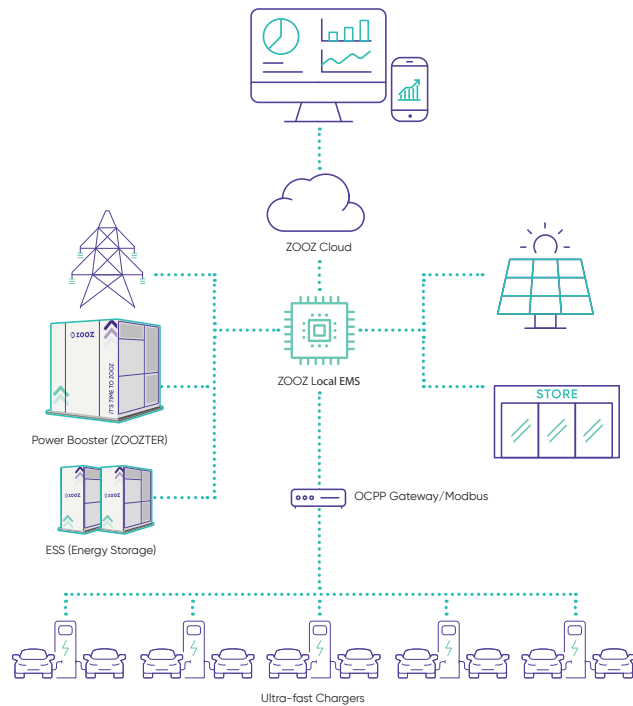


Energy Storage System

The Energy Storage System (ESS) ensures stable and reliable power for EV charging sites, reducing grid dependence while enhancing operational flexibility. Through leveraging energy price arbitrage, site operators can significantly reduce costs, by deploying stored energy during peak hours instead of purchasing expensive grid electricity. Available in a modular range from 200 kWh to 1 MW, also serves as an emergency power source during outages, maintaining critical charging capabilities.

Synergy in Action: Maximizing Efficiency Through Integration

The seamless integration of the EMS, ZOOZTER-100, and ESS creates an advanced energy ecosystem that optimizes site performance in all weather conditions, day and night.



	EMS	ZOOZTER-100	EES
Boosting the grid	✓	✓	✓*
Peak Shaving	✓	✓	
Arbitrage pricing	✓		✓
Energy storage	✓	Short term	Long term
Extreme weathers	✓	✓	

* Limited to low-utilization sites

Modular ZOOZTER: Scalable Indoor Power Boosting

Our Modular ZOOZTER solution serves spaces where energy storage isn't viable, like emergency facilities, residential buildings, and municipal garages. With disaggregated components for flexible indoor installation, it scales to meet specific power needs while maintaining performance benefits. The design fully complies with building safety codes and integrates seamlessly with existing infrastructure.

