END-TO-END ENERGY INFRASTRUCTURE

FLEET ELECTRIFICATION SOLUTION

End-to-end energy infrastructure for commercial fleets



ONE-STOP SOLUTION

One partner for vehicles, charging infrastructure, and energy systems — eliminating deployment complexity and compatibility risks.

LIFECYCLE ENERGY OPTIMIZATION

Reduce TCO throughout the fleet lifecycle through intelligent energy optimization — fleet dispatching, charging schedules, peak shaving, and off-peak charging.

DATA-DRIVEN MANAGEMENT

Monitor EVs, chargers, battery health, and energy assets through the platform, enabling data-driven operations, predictive maintenance, and higher asset utilization.

15-30%
Total Energy Cost Savings

↑20%
Improved fleet availability by reducing charging downtime

24/7
Operation & Maintenance and support

WHY ZO POWER

- Backed by ZO FUTURE
- Fleet Synergy with ZO MOTORS
- FULL-SCENARIO SOLUTIONS
- Zo Power EnergyOS
- Global Delivery Network

CHALLENGES

01 Uncontrolled Charging Costs
Peak demand charges and unmanaged charging schedules increase fleet operating expenses.

02 Limited Charging Infrastructure Readiness
Charging infrastructure often fails to keep pace with fleet growth, limiting scalability, operational efficiency, and vehicle availability.

03 Range & Operational Constraints
Unpredictable vehicle range and charging downtime reduce fleet utilization, disrupt dispatch planning, and limit operational efficiency.

04 Uncertain Total Cost of Ownership
High upfront investment, uncertain residual value, battery degradation, and ongoing operating costs make TCO and ROI difficult to predict.

OUR SOLUTIONS

Fleet Charging Infrastructure Deployment
End-to-end charging infrastructure combining hardware, energy management, and deployment.

Hardware+software

Intelligent Vehicle-Charger Orchestration
Automatically optimize vehicle charging based on fleet schedules, charger availability, and operational requirements.

EMS

Energy Optimization
Optimize energy usage through ESS integration, peak shaving, off-peak charging, and intelligent power management.

ESS Technology

Scalable Design
Adaptable architecture supporting multi-site deployment and future fleet expansion.

Multi-Site Ready

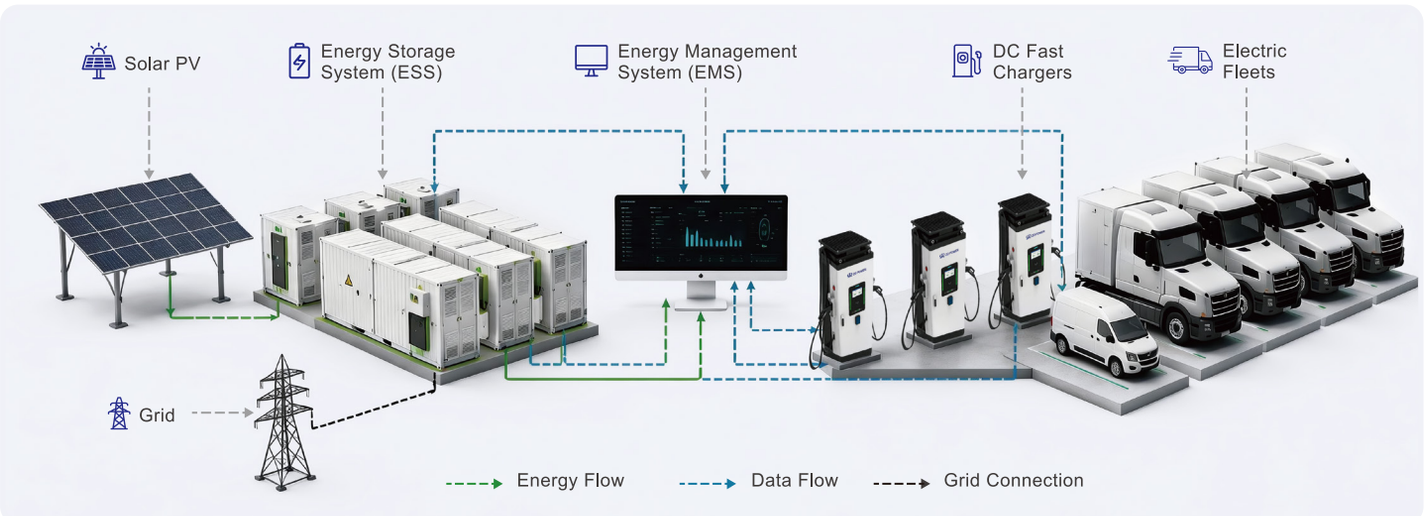
Operations & Maintenance
24/7 mornitoring, remote diagnostics and predictive maintenance ensuring uptime and service quality.

24/7 Support

IDEAL APPLICATIONS

- Logistics & Delivery Fleets
- Port & Terminals Transportation
- Public Transit
- Manufacturing & Industrial Fleets

SOLUTION ARCHITECTURE



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