END-TO-END ENERGY INFRASTRUCTURE

PUBLIC FAST CHARGING SOLUTION

Powering ultra-fast charging networks for cities, highways and commercial destinations.



MICROGRID ENABLED

Solar, LNG, grid, ESS and EMS are intelligently integrated to overcome grid capacity constraints and ensure reliable operation.

FLEXIBLE SITE DEPLOYMENT

Modular split-type system enables flexible charger placement and intelligent power sharing across limited or irregular sites.

ULTRA-FAST CHARGING

High-power charging minimizes waiting time and maximizes station throughput.

< 30 mins

Typical full charging session

Scalable from 4 to 40+

Charging bays

• WHY ZO POWER

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

CHALLENGES

01 Long Charging Times

Drivers and fleet operators expect fast charging to minimize travel delays.

02 Inflexible Charging Infrastructure

Fixed charging systems cannot easily adapt to limited and irregular site space, resulting in inefficient space use and costly site modifications.

03 Grid Capacity Constraints

Limited grid availability can delay deployment and restrict charging capacity.

OUR SOLUTIONS

Flexible Charging Infrastructure

Deploy split-type or integrated ultra-fast charging systems based on site layout, charging demand, and expansion requirements.

Chargers

Microgrid Architecture

Integrated Solar PV, LNG, Grid, ESS and EMS to optimize energy availability and station reliability.

Hardware+software

Mobile Energy Rescue Service

600 kWh mobile battery truck provides emergency charging assistance to vehicles unable to reach the next charging destination.

Back-up

Unified Energy Management Platform

Integrates local EMS with cloud-based monitoring, diagnostics, OTA updates, and centralized multi-site management.

Platform

End-to-End Deployment

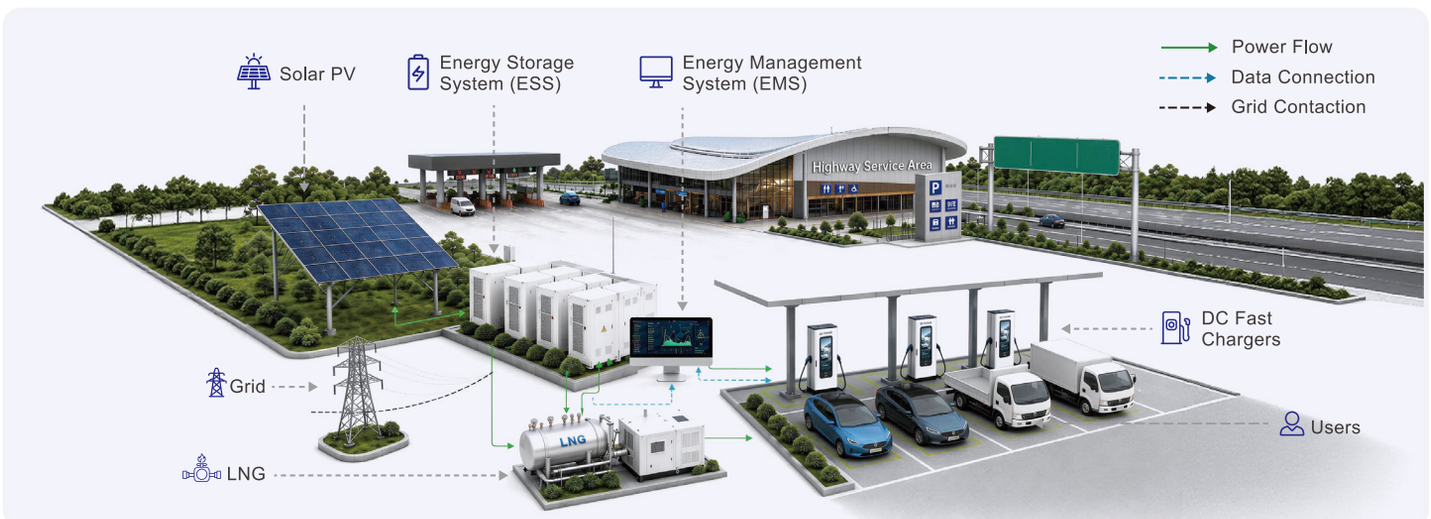
Deliver complete EPC, commissioning, monitoring, and long-term O&M services.

End-to-end Service

IDEAL APPLICATIONS

- Highway Service Areas
- Urban Charging Hubs
- Retail & Shopping Centers
- Gas Station

SOLUTION ARCHITECTURE



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