

ZEFNET PLATFORM



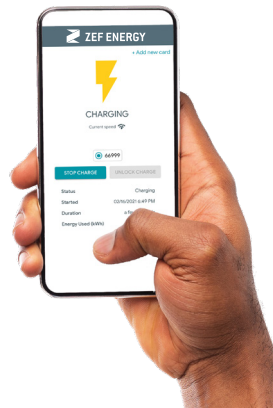
A FLEXIBLE TECHNOLOGY SOLUTION FIT FOR ALL COMMERCIAL APPLICATIONS

ZEF Energy's *ZEFNET Solution* is a vertically integrated system that links smart hardware, a driver-facing interface and the ZEFNET backend software. Together, this ecosystem offers a solution that meets the needs of all customer types & driver use cases.

HARDWARE



DRIVER



SOFTWARE



**2-Way
Communication**
Across the
ZEFNET Ecosystem
(WiFi & Cellular)

Unique Solution Benefits

- >> Operationalize smart EV charging needs for all users across one platform
- >> Highly flexible load management capabilities to help keep electric bills low
- >> Share power across a circuit to reduce power upgrade costs while maximizing charger access for drivers
- >> Complete access and ownership of all charging data
- >> Offer drivers multiple payment options, including mobile, credit card, & RFID
- >> Secure charger access for fleet, employee, and semi-private use cases

ZEFNET Functionalities Benefits

Load Management & Power Sharing



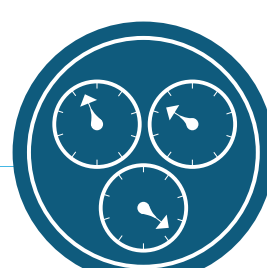
Payment & User Authentication



Remote Diagnostics



Data Collection & Integrations



Detailed Capabilities

Load Management & Power-Sharing

- >> Nuanced charger load management (curtail or ramp incrementally, 25%-of-capacity)
- >> Power-sharing at the breaker or panel level
- >> Charger grouping allows for nested load management settings -- at one property or portfolio-wide
- >> Synchronize & manage against a data feed (e.g. solar sync or building load)
- >> Optional driver load control override capabilities
- >> Partner API supports energy or fleet management system integration
- >> Dynamic charging and driver grouping

Resilience & Technical Support

- >> Cellular and Wi-Fi communications
- >> 24/7/365 ZEFNET technical support hotline + online chatbot & driver phone support
- >> Remote error detection with resolution messages for Level 2 & DCFC units
- >> OCPP 1.6b compliant communications

Payment & User Authentication

- >> Surface configurable messaging to drivers via the ZEFNET Charge app
- >> Advanced driver pricing control via charger screen or mobile app
- >> Automatic mapping of public charging station on multiple EV station locator tools
- >> Detailed permissions controls that support nuanced data viewing or editing access
- >> Partner permissions module allows for cross-organization asset control or data viewing
- >> Automatic, monthly remittance to station owners (i.e. utility bill payee)

Data Collection & Visualization

- >> 5-minute interval data logging via embedded revenue grade metering -- perfect for utility program integration
- >> Data dashboard, standard reports, & raw session data downloads

Collected Data

- | | | |
|-----------------------------|-------------------------------|--------------------------------|
| • Instantaneous Wattage (W) | • Connect & Disconnect Times | • Driver Cost per kWh/Min |
| • Interval Usage (kWh) | • Time of Charge Start & Stop | • Count of Type of Transaction |
| • Session Length | • Peak Power per Session | • Communications Reliability |
| • Charging Session Count | • Peak Power by Day/Time | • And More |