FLASH CHARGER

MOBILE EV CHARGING HUB

RELIABLE ENERGY - ANYWHERE

CONFIGURABLE FOR ANY FLEET

ZIEGLER ENERGY SOLUTIONS

Mission:

Our mission is to deliver reliable and efficient electric vehicle charging solutions to locations facing time, financial, or infrastructure challenges, empowering seamless electrification anywhere.

Product Benefits

Instant EV Charging Made Simple
Start charging your electric vehicles immediately—no permits, costly electrical upgrades, or disruptive on-site construction required.

Accelerate Your Electrification Goals
Avoid infrastructure-related delays and put your electrification strategy into action faster than ever before.

Tailored Fleet Deployment
Deploy your fleet with unmatched flexibility—adapt routes, scale operations, and expand to new locations with ease.

Simplified Cost Control for Your EV Fleet
Say goodbye to demand and time-of-use charges. Your fueling costs are straightforward and based solely on the natural gas you utilize—whether conventional or renewable.

Complete Independence from the Grid
Simplify your fueling costs with no demand or time-of-use charges. Pay only for the energy you consume—whether conventional or renewable.

Expandable and Future-Ready Design
Designed to grow with you, our adaptable system supports renewable fuels and modular expansions, keeping you ready for tomorrow's needs.

Use Cases

E-Fleet Transition
Class 5-8 Vehicles
Last Mile Delivery

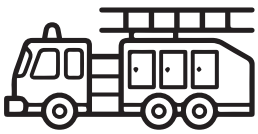
Ports / Shipping Depots
Terminal Tractors
Forklift Trucks

Waste Vehicles
Garbage Trucks
Refuse Haulers

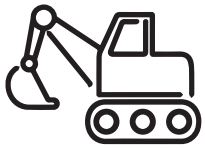
Mass Transportation
School Buses
Urban Transit

Mining Equipment
Service Trucks
Heavy Machinery

Airports
Luggage Vehicles
Electric Vertical



Disaster Recovery
Fire & Police Units
Military Vehicles



Construction
Skid Steers
Pavers

Fueling Options

The **Flash Charger**™ offers unmatched flexibility to keep your operations running without interruption. Our solution seamlessly integrates with your organization's existing natural gas pipeline, ensuring continuous service without disruptions. In locations without natural gas infrastructure, we provide a mobile propane solution, delivering reliable energy wherever it's needed.

Our generators are designed to operate efficiently on both fuel types, allowing you to power your fleet effortlessly and get up and running quickly.

Natural Gas
NG

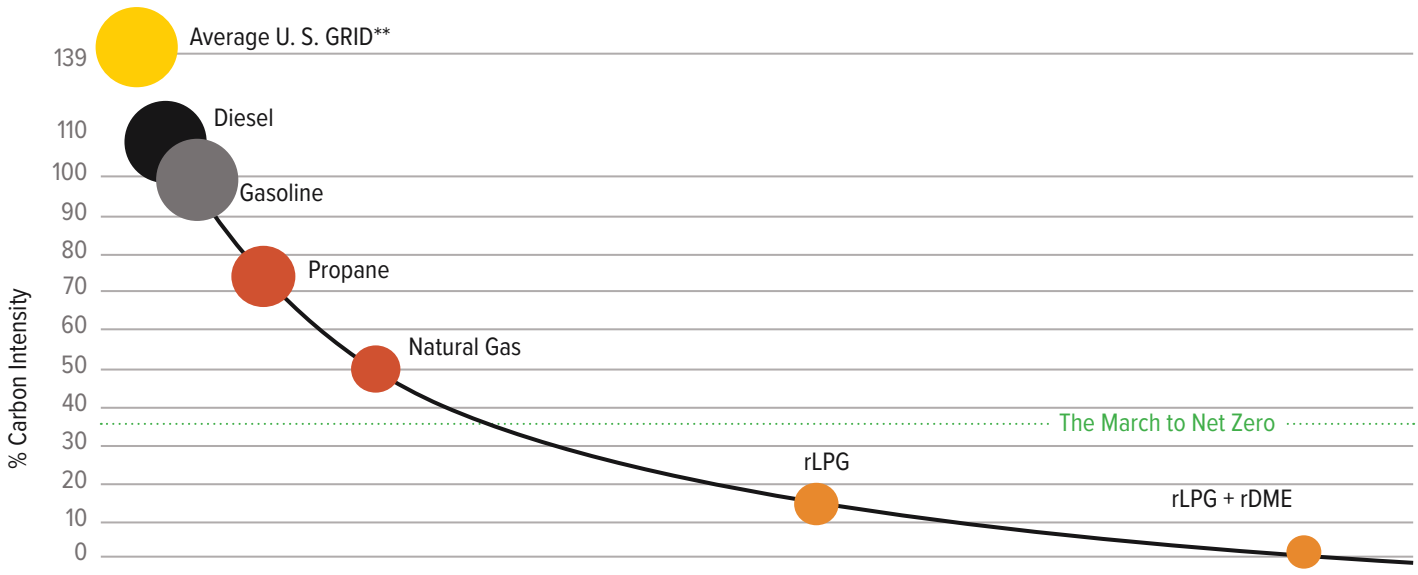
Propane
LP

Build a Clean Fleet

The carbon intensity (CI) of different energy sources plays a critical role in the success of your electrification strategy. The Average U.S. Grid has a relatively high CI due to its dependence on fossil fuels, meaning the environmental benefits of your EV transition can vary based on the cleanliness of your regional grid.

Diesel and gasoline, both derived from petroleum, have inherently high carbon intensities due to their carbon-rich composition and extensive use in internal combustion engines. In contrast, propane and natural gas, while still fossil-based, produce lower emissions, making them cleaner alternatives with reduced environmental impact.

For an even greener solution, renewable liquefied petroleum gas (rLPG)—sourced from sustainable feedstocks like biomass—significantly cuts carbon emissions. When combined with dimethyl ether (DME), it creates an ultra-low-carbon energy option that not only supports sustainability goals but also delivers reliable, efficient performance.



Source: Carbon Intensity values calculated by Propane Education & Research Council (PERC).
All others calculated by the California Air Resouces Board (CARB)

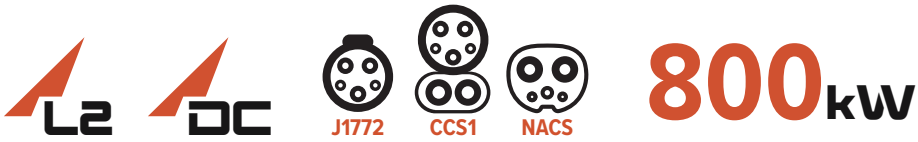
*Carbon intensity is the measure of GHG emissions, associated with producing, distributing & consuming a fuel.
**Average U.S. Electricity

EV Chargers – Fast & Efficient

We kick-start the **Flash Charger**™ experience right at the plug—tailored to fit your fleet's unique needs, no matter the size or power requirements. From 15kW Level 2 chargers to 350kW Direct Current Fast Chargers, we provide the right fit to optimize efficiency without compromise.

Our charging hardware is designed for ease of use, featuring built-in safeguards to ensure your fleet stays powered when it matters most, maximizing uptime and reliability. Plus, with Ziegler Energy Solutions, you'll never have to worry about service—we proactively monitor every charging point and deliver actionable fleet metrics to support a seamless transition to electric vehicles and ongoing operational success.

- **Full Array of Plug Types Available**
- **Multiple Cable Management Options**
- **Dynamic Charging / Plug-N-Charge**
- **Sized to fit your Vehicles needs**

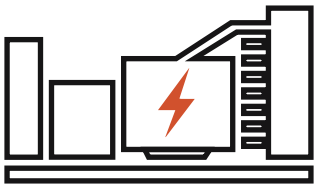


Generator – Always Ready

Ziegler Energy Solutions brings over 80 years of expertise in the generator industry, delivering unmatched knowledge and service excellence. We specialize in optimizing generator performance, using only the highest-quality units backed by a nationwide service team that's ready to respond whenever needed.

Our generators, delivering 350 kW to 400 kW each, are built for continuous operation—365 days a year—even in the most demanding environments. Designed to seamlessly integrate with your charging infrastructure, they ensure reliable performance and maximum efficiency. With automatic startup capabilities and rugged durability, our generators are engineered to keep your operations running smoothly.

To further enhance your experience, our expert field technicians provide proactive maintenance, optimizing fuel efficiency and ensuring your generator operates at peak performance. With Ziegler Energy Solutions, you can count on dependable power and a hassle-free, seamless experience.



Natural Gas or Propane – Configurable

Ensuring your location has sufficient natural gas supply is a key part of our Flash Charger™ deployment process. We work directly with local gas utilities to evaluate your site's current gas infrastructure, identifying the best way to integrate a reliable and efficient fuel source for your charging needs. Our team conducts a comprehensive assessment of pipeline capacity, pressure levels, and connectivity options to ensure that your facility can seamlessly support the **Flash Charger's**™ high-efficiency generators. If upgrades or modifications are needed, we coordinate with the utility provider to implement cost-effective and timely solutions that minimize disruptions while maximizing energy reliability.

In cases where natural gas services are not available, we offer mobile fueling options such as propane or renewable natural gas (RNG) to keep your charging station operational anywhere, even in off-grid or remote locations. By working closely with utility providers and alternative fuel suppliers, we ensure that your fleet has uninterrupted access to reliable charging power, regardless of location. With the **Flash Charger**™, you can power up quickly and efficiently, anytime, anywhere.

- **Connect to Existing Natural Gas Infrastructure**
- **Scheduled Propane Delivery**
- **No Electrical Upgrades Required**

Flash Charger Control Unit – In Command

At the core of the **Flash Charger**™ system is Ziegler Energy Solutions' proprietary control unit, designed to seamlessly optimize the efficiency of both moving and stationary components. This intelligent control unit acts as the brains of the operation, orchestrating communication between EV chargers, generators, and, when applicable, a battery energy storage system, effectively creating a fully integrated EV charging microgrid.

By continuously monitoring and managing the system, our control unit ensures peak performance, energy efficiency, and reliability. It allows for real-time insights, proactive maintenance, and remote management, enabling us to deploy charging solutions anywhere, anytime—whether at a new construction site, logistics hub, or an off-grid facility.

With the **Flash Charger**™, you're not just subscribing to an EV charger—you're unlocking a smart, adaptable, and scalable charging ecosystem that grows with your evolving demands. Designed to circumvent the delays and constraints of traditional power grid upgrades, our cutting-edge solution enables you to deploy dependable EV charging infrastructure anytime, anywhere.

Limitless Options – Designed for Your Fleet

- Up to 16 DCFC Plugs
- Up to 40 Level 2 Plugs
- Mix & Match Levels
- Megawatt Charging

- Trailer-Mounted Plugs
- Distributed Satellites
- Overhead Charging
- Optional Bollards

- Parking Lots
- Depot Layouts
- Shipping Yards
- Undeveloped Sites

- Existing Natural Gas (NG)
- Delivered Propane (LP)
- Renewable NG (rLPG)
- Battery Storage

Flash EV Charging-as-a-Service

At Ziegler Energy Solutions, our Charging-as-a-Service (CaaS) model is designed to eliminate the financial and operational barriers that often stand in the way of fleet electrification. By removing the need for large upfront investments, businesses can access scalable, flexible charging solutions with predictable costs and no burden of ownership. Our mission is to deliver reliable, cost-effective EV charging infrastructure to locations facing time, financial, or utility constraints, enabling organizations to transition to electric fleets without delays or unexpected expenses. With comprehensive maintenance, real-time monitoring, and remote diagnostics, our CaaS model ensures maximum uptime and efficiency, so businesses can focus on their operations rather than managing charging infrastructure.

Whether you're operating in remote locations, managing tight budgets, or navigating complex permitting and utility upgrades, our CaaS solution provides a seamless and cost-effective pathway to electrification—without the long lead times, energy demand charges, or infrastructure headaches typically associated with traditional charging deployments. With grid-independent power options, flexible charging configurations, and built-in future scalability, we help fleets deploy EV charging infrastructure quickly, reduce total cost of ownership, and optimize operational efficiency. By integrating advanced data analytics, proactive energy management, and fleet-centric charging strategies, Ziegler Energy Solutions makes fleet electrification simple, efficient, and financially sustainable.

- **Eliminates Upfront Capital Investment**
- **Predictable & Fixed Costs**
- **Avoids Costly Electrical Grid Upgrades**
- **Flexible & Scalable Deployment**
- **Operational Savings & Efficiency**
- **Lower Total Cost of Ownership (TCO)**

24/7 MONITORING

- **Rapid Deployment**
- **Minimal Maintenance Responsibility**
- **Guaranteed Reliability & Uptime**
- **Grid Independence & Power Redundancy**
- **Seamless Integration with Fleet Operations**
- **Customizable Charging Configurations**

Getting Started in a Flash

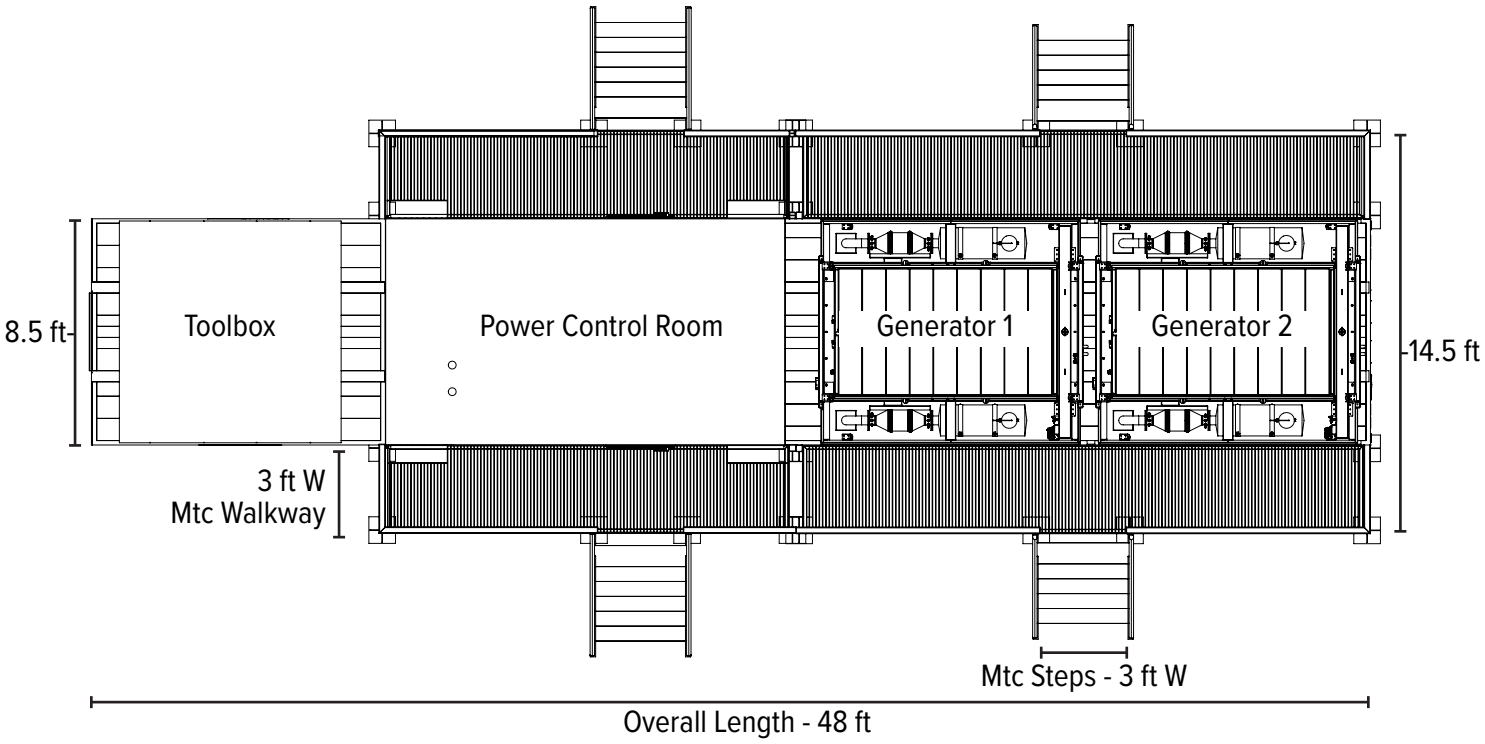
Getting started with the **Flash Charger**™ is a straightforward process designed to tailor our solution to your specific needs. First, we'll review your electric and natural gas bills to assess your current energy consumption and identify opportunities for cost savings and efficiency. Next, we'll gather key details about your fleet, including vehicle specifications and route information, to ensure the charging infrastructure is optimized for your operational requirements. Our team will then work with you to develop a customized deployment plan, providing a seamless transition to electrification with minimal disruption to your business.

- ✓ **Electric Bill**
- ✓ **Natural Gas Bill**
- ✓ **Fleet Vehicle Review**
- ✓ **Route Information**
- ✓ **Facility Layout**

Product Specifications

System	Flash Charger NG MAX™	Flash Charger PRO MAX™
Generator Output	800kW	700kW
Fuel Type	Natural Gas	Propane
Fuel Consumption	9000 cf/h	6620 cf/h
Generator Output	800kW	700kW
Sound Attenuation	73 dBA	73 dBA
Charger Output	800kW	800kW
Charger Plug Output	18kW - 350kw	18kW - 350kw
Direct Current Fast Charging	CCS1/NACS	CCS1/NACS
Level 2 Charging	J1772	J1772
# of Plugs	Configurable*	Configurable*
Cable Management Options	Direct, Distributed, Overhead	Direct, Distributed, Overhead
Dimensions	Length 48 ft - Width 14.5 ft (Commissioned) / Width 8.5 ft (Transport Mode)	

Flash Charger™ Footprint



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ZIEGLER COMPANIES