



CO₂-FOOTPRINT. ZERO-EMISSION. MULTIFUEL. DC-GENSET.

THE INTELLIGENT MULTIFUEL ENERGY PLATFORM
FOR A SUSTAINABLE AND RELIABLE FUTURE.

Power without limits

One platform. Four fuel options. Unlimited possibilities. The GENSET delivers clean, flexible and dependable energy wherever conventional infrastructure reaches its limits. Whether powered by hydrogen, methanol, gasoline or a hybrid system, it ensures intelligent energy generation, storage and supply for buildings, fast charging, smart grids, backup power and construction sites.

- A single multifunctional platform supports hydrogen, methanol, gasoline and hybrid configurations, ensuring maximum flexibility for every energy application.
- An intelligent battery system delivers up to 150 kW of transfer power, providing high peak performance with efficient continuous generation.
- Reliable off-grid and backup power generation ensures a stable energy supply wherever conventional infrastructure reaches its limits.

Performance Data

Scaleable Generator Output	25KW / 50KW / 75KW
Peak Transfer Power.....	100–150 kW
Battery Technology	High-Performance Battery Buffer
Power Flow.....	Bidirectional
Operating Concept	Generator + Battery Hybrid System
System Architecture.....	Multifuel Platform
Fuel Configurations	4
Installation	Indoor / Outdoor (project dependent)

EVS | Hydrogen

Am Bahndamm 3
94107 Untergriesbach

Phone: +49 (0) 85 93 / 93 99 52 - 0

info@evs-hydrogen.de
www.evs-hydrogen.de



QR Code stores contact information



EVS | HYDROGEN
MultiFuel. Engineered for Flexibility.

PURE HYDROGEN. PURE PROGRESS.



H2-Power

Designed for zero-emission operation, the hydrogen-powered GENSET represents the premium choice for sustainable energy generation. Combining a 50 kW generator with up to 150 kW bidirectional power transfer, it delivers clean, future-ready performance.

LIQUID FUEL. LIMITLESS FLEXIBILITY.



Methanol or gasoline

Engineered for easy transport, storage and refueling, the liquid methanol version combines practical fuel logistics with intelligent energy management. It is the ideal solution for flexible, low-carbon power generation in a wide range of applications.

Built for maximum fuel availability, the gasoline version delivers dependable power wherever conventional fuels are readily accessible. A robust solution for reliable operation without specialized refueling infrastructure.

HYBRID POWER. UNLIMITED POTENTIAL.



Gasoline + battery system

Combining the universal availability of gasoline with the instant power of an integrated battery system, the hybrid version delivers smooth peak loads, enhanced efficiency and maximum operational reliability.

Beyond the Grid.

FROM PERMANENT INSTALLATIONS TO TEMPORARY MISSIONS — ONE SYSTEM ADAPTS TO EVERY CHALLENGE.



Application

Energy Station for Buildings

Uninterruptible Power Supply (UPS)

Smart Grid Solutions

Decentralized Fast Charging

Construction Site Power Supply

Example Applications

Office buildings with photovoltaic systems · Industrial facilities with combined heat and power demand · Residential complexes with energy storage
Hospitals and healthcare facilities · Data centers and server rooms · Airports and critical infrastructure
Remote villages and island grids · Municipal microgrid projects · Renewable energy parks with battery storage
Highway service areas without high-voltage grid access · Tourist destinations and mountain regions · Fleet charging hubs for commercial vehicles
Urban construction projects with emission restrictions · Tunnel and infrastructure construction · Temporary power supply for events and large-scale projects