

# MODULAR FIELD POWER SYSTEM

Providing power everywhere – with minimal signature

**SCHIEDERWERK**

A DIVISION OF GROUPE LEGRIS INDUSTRIES

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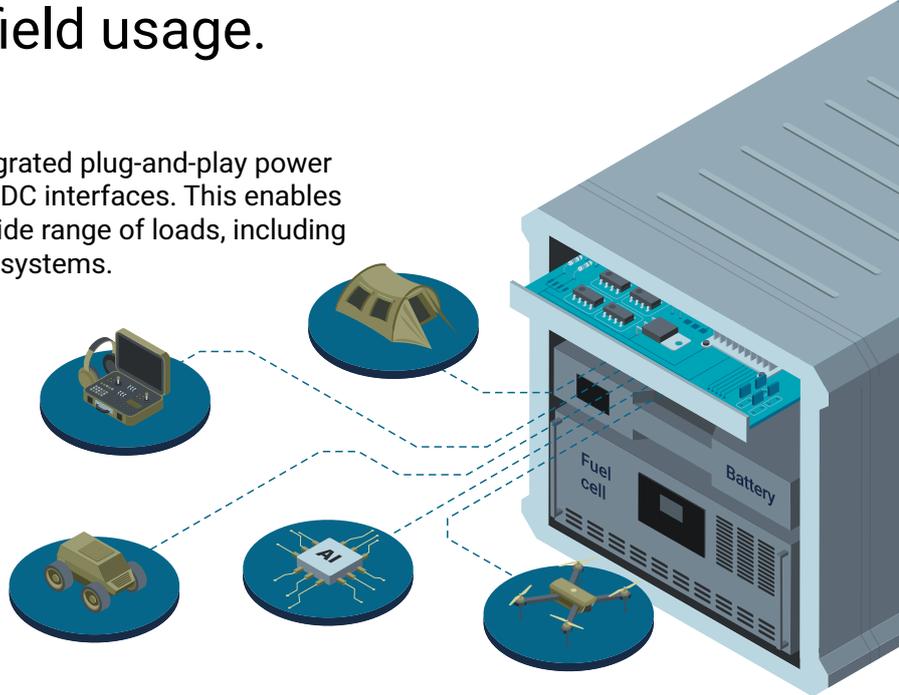
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Systemintegration

# Modular Field Power System

Robust and reliable plug-and-play solution for a best in-field usage.

The Modular Field Power System is a fully integrated plug-and-play power solution – including batteries, fuel cell and AC/DC interfaces. This enables an autonomous, scalable power supply for a wide range of loads, including 24 V drone chargers and other mission-critical systems.

Designed for maximum flexibility across expeditionary operations, forward operating bases, mobile command posts, and civilian security forces, the system meets the highest functional requirements in the field. It enables rapid use, immediate operational readiness, and reliable performance even under the most demanding environmental conditions. Its rugged, modular architecture delivers a best-in-class, ready-to-use power solution for modern military and security operations.



## Technical Data

<b>Battery slot</b>	2 x AES SuperPack 2.0
<b>Fuel cell slot</b>	SFC EFOY Pro 12000 Duo
<b>Capacity</b>	65 kWh (with charged batteries and fuel cartridge)
<b>Runtime under max. load</b>	@500 W = 130 h (with M28 cartridge)
<b>Signature</b>	Below 60 degrees and less than 45 dB
<b>Operating temperatures</b>	-20 to 45 °C (charging and discharging)
<b>AC Grid</b>	110/230 V AC; 50/60 Hz
<b>DC Grid</b>	60 V DC; 1 kW
<b>Loads</b>	24 V +/- 50% up to 1.2 kW USB-C 3.1 up to 200 W
<b>Housing</b>	Housing of battery: 83 x 61 x 31 cm Housing of fuel cell: 83 x 54 x 41 cm STANAG 4280 for extreme conditions

## Key Features

- Bidirectional AC grid connection up to 1.8 kW
- Up to 4x 24 V DC outputs with up to 1.2 kW for charging plots, AI-computing, drone-charger, etc.
- 1 x Nett Warrior connector, 24 V DC
- 1 x Star Pan connector
- 2 x USB-C 3.1, 200 W each
- Operation temperature -20°C to 45°C
- Ethernet interface for control and data-feedback (e.g. temperature, power, currents, charging status, etc.)
- 8"-Touchdisplay
- STANAG Robustness
- High flexibility for expansions and adaptations thanks to modular electronics
- Fuel cartridge and battery can be replaced during operation (Hot Swap)
- Loadable by 2 people

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