

VAULT POWER SUITE

Intelligent Turnkey Power Engineered for Every Environment

The Evoltix™ Vault Power Suite is built for a simple purpose: to keep critical systems online, no matter where they are or what they face. From rugged hybrid power shelters in remote terrain to compact cabinets at dense network edges, every deployment runs on the IntelliCore™ and Zero-glitch Power Module (ZPM)™ platforms and provides real-time visibility, predictive control, and zero interruption.

Renewable Ready

Evoltix Vault power solutions are renewable ready. They can be fitted with shelter-mounted solar panels and connect to ground-mounted solar and wind turbines to further offset generator use. Options are configurable and can vary based on the location, customer, and power needs.

Evoltix Vault Power Shelter

Purpose-built for off-grid, remote, and mission critical locations, the Vault Power Shelter ensures uninterrupted performance even where fuel access is limited, grid power is unavailable, or weather conditions are extreme. Vault shelters are also ideal as a turnkey, self-contained on-grid solution when equipment security and backup assurance are critical.

85%

CapEx Savings*

90%

OpEx Savings*

90%

CO₂ Reduction*

SHELTER KEY ADVANTAGES

- ✓ **Turnkey and deployment-ready** with all power, storage, controls, HVAC, and safety systems pre-integrated.
- ✓ **Rugged and proven** for public safety, tribal broadband, energy, industrial, and emergency operations.
- ✓ **Battery-first architecture** eliminates downtime during source transitions.
- ✓ **Full hybrid power flexibility** supporting grid, multi-generator, and solar inputs.
- ✓ **Centralized intelligence** with IntelliCore for real-time monitoring, control, alarms, and analytics.
- ✓ **Multiple configurations available** to match required runtime, load, and site footprint.

*Results may vary by location.



SHELTER SPECIFICATIONS

Configuration 1: Grid-Tied	
Smart Energy Storage System (ESS)	171 kWh
DC generator	400A DC (diesel, propane, LNG)
Solar	<ul style="list-style-type: none"> • 4 kW, shelter-mount • 23 kW, shelter and ground mount



Configuration 2: Off-Grid	
Estimated fuel savings	70-90% with renewables
Smart energy storage system (ESS)	Up to 115 kWh
DC generator	400A (diesel, propane, LNG)
Solar	<ul style="list-style-type: none"> • 4 kW, shelter-mount • 23 kW, shelter and ground mount
Wind turbine (optional)	2.4 kW

Evoltix Vault Power Cabinet

The Evoltix Vault Power Cabinet brings the intelligence of IntelliCore and the ZPM to a small, field-ready enclosure ideal for telecom nodes, broadband equipment, transportation systems, and public safety radio sites. It delivers the same intelligent control as the Vault Power Shelter in a compact form optimized for on-grid or hybrid deployments.



CABINET KEY ADVANTAGES

- ✓ **Integrated ZPM** for data analytics, remote monitoring, and power control.
- ✓ **Full system** visibility, diagnostics, alarms, and reporting.
- ✓ **Rugged enclosure** engineered for harsh environments.
- ✓ **Sophisticated power management** supports solar input, generator interface, and battery storage.
- ✓ **Uninterrupted uptime** with drastically reduced maintenance and expense.
- ✓ **Climate control** with managed heating and cooling driven by onboard environmental sensors.

Learn more about Evoltix Vault Power Suite and how it scales across your network at evoltixenergy.com.