

HYBRID POWER SHELTER

Smart, Turnkey Power When and Where you Need it Most

With HCI Energy's Zero-glitch Power Module™ (ZPM) at its core, the Hybrid Power Shelter™ delivers ultra-reliable power when you need it most. Whether on- or off-grid, the Hybrid Power Shelter uses multiple energy sources to keep its lithium-ion energy storage at an optimal charge.

A Turnkey Powerhouse

- ✓ **Ready.** Self-contained and pre-configured.
- ✓ **Reliable.** Uninterrupted power, real-time power management, remote monitoring.
- ✓ **Renewable.** Solar and wind integrations. Supports ESG mandates.
- ✓ **Efficient.** Accelerated deployment time. Lowered cost.
- ✓ **Proven.** Tested and debugged before delivery.
- ✓ **Rugged.** Climate-controlled. Engineered for harsh climates.
- ✓ **Flexible.** Multiple outputs. Room for customer equipment.
- ✓ **Different power configurations** for different needs.
- ✓ **ZPM integrated into every Hybrid Power Shelter.** Multiple input, multiple output.



Delivered Ready to Deploy ANYWHERE

HCI Energy’s Hybrid Power Shelter — integrated with the ZPM and optional renewables — is a turnkey powerhouse that incorporates everything necessary to bring continuous, reliable power to even the most remote and rugged locations.

- Available in 8’ x 10’ or 8’ x 20’ turnkey shelter
 - Integrated ZPM
(see additional information)
 - Smart energy storage
 - DC generator
 - 19” racks for end-user equipment
 - Dual HVAC
- Renewable-ready with solar and wind energy
(see additional information)
 - Standard load: up to 18 kW**
 - Energy storage: up to 171 kWh
 - ISO compliant
 - Diesel or propane



CONFIGURATION 1: GRID-TIED
Provides infinite backup with ongoing energy savings.

Smart energy storage	42.75 kWh***
DC generator	250A DC (diesel or propane)
Shelter-mount solar	3 kW

CONFIGURATION 2: OFF-GRID

Estimated fuel savings**	70-90%
Smart energy storage	Up to 171 kWh
DC generator	400A (diesel or propane)
Solar	8' x 10' Shelter 16 kW (3 kW shelter-mount with 13.5 kW ground-mounted solar) 8' x 20' Shelter 27.5 kW (4.74 kW shelter-mount with 22.75 kW ground-mount solar)
Wind turbine (optional)	2.3 kW

ZPM SPECIFICATIONS

Power conversion capacity (AC ↔ DC)	9kW (11 kW peak)**
Energy storage	Single rack, batteries mounted on ZPM Up to 42.75 kWh Batteries mounted on separate Energy Storage Rack Up to 153.9 kWh
Emergency depth of discharge (DoD)	100%
Mappable dry contact alarms	26
Dead start capability	AC or DC
Standard load	Up to 18 kW**

** Estimated based on 4 kW load and solar production. Location: Kansas City

*** Expandable



Learn more.

hcienergy.com/our-products/hybrid-power-shelter

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HCI Energy provides continuous, turnkey, eco-friendly power for critical missions around the world. We combine the latest in power technology and renewable sources to ensure round-the-clock, uninterrupted power that lowers operational cost while facilitating crucial business and community operations. © 2025 HCI Energy. All Rights Reserved.