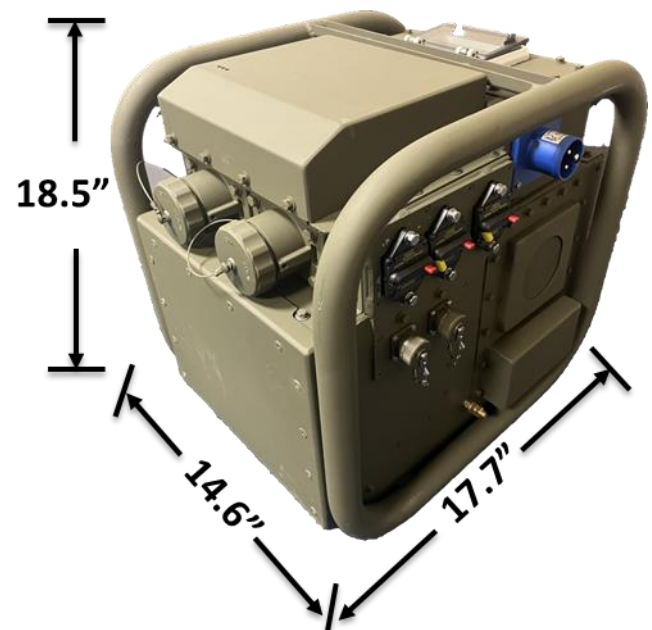# Outpost™ Energy Router 3000

Portable Hybrid Power Distribution & Control + Energy Storage

2-4kW DC / 3kVA AC Input & Output + 2 to 4kWh Integrated Energy Storage

Core of the OHPS-L Modular, Scalable Hybrid Architectures

Autonomous Power for Extended Silent Watch & Mission Endurance

Use as a High-Capacity Uninterruptable Power Supply
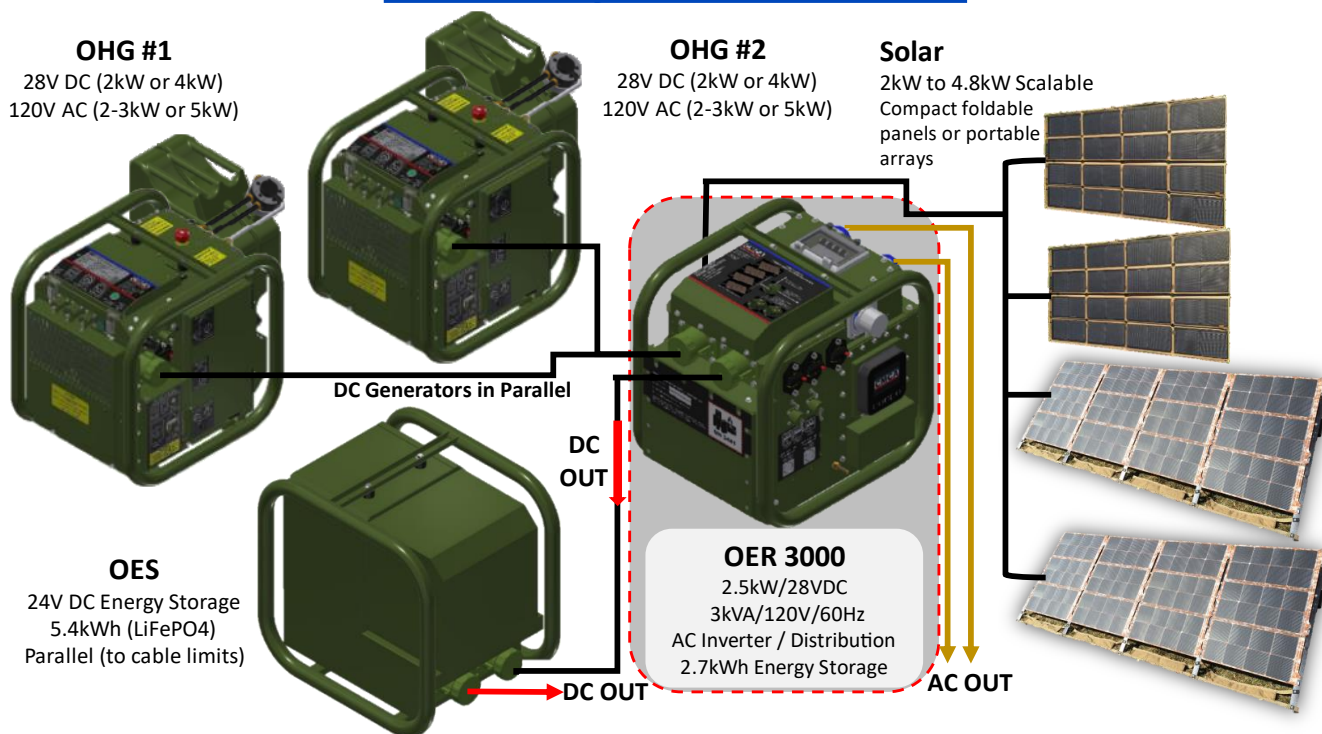

18.5"

14.6"

17.7"

Key Features

- **Human-Machine Interface |** Digital LED + Remote monitoring & control capability
- **Flexible |** 3kVA/120V/60Hz AC* or 2-4kW/28V DC from one or more generators & solar panels
- **Efficient & Resilient |** Autonomously commands generator start/stop for optimized hybrid ops
  Integrated Swappable Li6T Energy Storage
- **Modular & Scalable |** Connect up to (6) OER 3000 in parallel for larger power architectures
- **Clean Power |** Supports sensitive electrical loads with minimal electromagnetic signature
  - Automatically transfers from generator/shore power supply to integrated battery in less than 20 milliseconds
- **Compact / Lightweight |** 2-man lift/carry; No MHE required to lift or move

* 230V/50Hz also available

Outpost™ Energy Router 3000

Outpost™ Energy Router 3000 Kit Specifications

Part Number	255650-003
Warranty	1-year limited against defective material & workmanship; Extended plans available
Power Input	2-4kW/28V DC and 3kVA 120V/60Hz AC (Optional: 230V/50Hz AC)
Generator/Shore Power Interface	(2) Single pole STANAG 4074 NATO (28V DC OUT) (2) 120V Input Outlets (type to user specification) (2) 120V Output Outlets (type to user specification)
Solar Interface	(4) PV Input ports | Integrated 24V / 2kW Maximum Power Point Tracking solar controller
Battery	Integrated, swappable 6T format | LiFePO4: 2.7kWh | Li ion: 4.2kWh
Power Output	2.5kW | 28V DC or 3kVA/120V/60Hz AC (Optional: 230V/50Hz AC)
Power Quality	Supports sensitive electronics
Power Protection	Manual reset 100A DC per outlet | Manual reset 30A AC per outlet (IN) / (OUT)
Auto Start/Stop Interface	5V DC | CANBUS | 4-pin MIL-DTL-5015 connector
Parallel Capability	Up to 6 systems in parallel
Human Interface	Rugged digital interface with 4.3" LED screen & command buttons
Dimensions	18.5"L x 14.6"W x 17.7"H
Weight	110 lbs.
Operating Temperatures	- 40°C to +55°C

Scalable Hybrid Architectures

OHG #1
28V DC (2kW or 4kW)
120V AC (2-3kW or 5kW)

OHG #2
28V DC (2kW or 4kW)
120V AC (2-3kW or 5kW)

Solar
2kW to 4.8kW Scalable
Compact foldable panels or portable arrays

DC Generators in Parallel

OES
24V DC Energy Storage
5.4kWh (LiFePO4)
Parallel (to cable limits)

DC OUT

DC OUT

OER 3000
2.5kW/28VDC
3kVA/120V/60Hz
AC Inverter / Distribution
2.7kWh Energy Storage

AC OUT