



Outpost™ Hybrid Generator (OHG) 3000

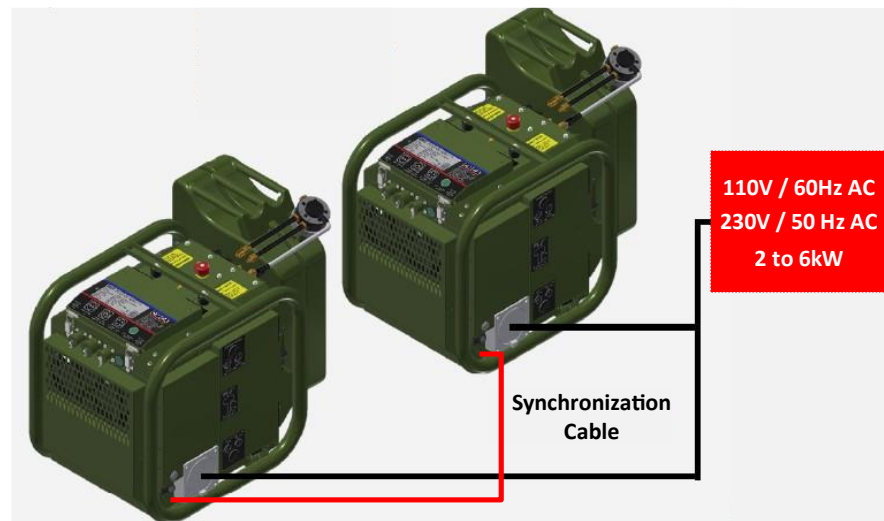
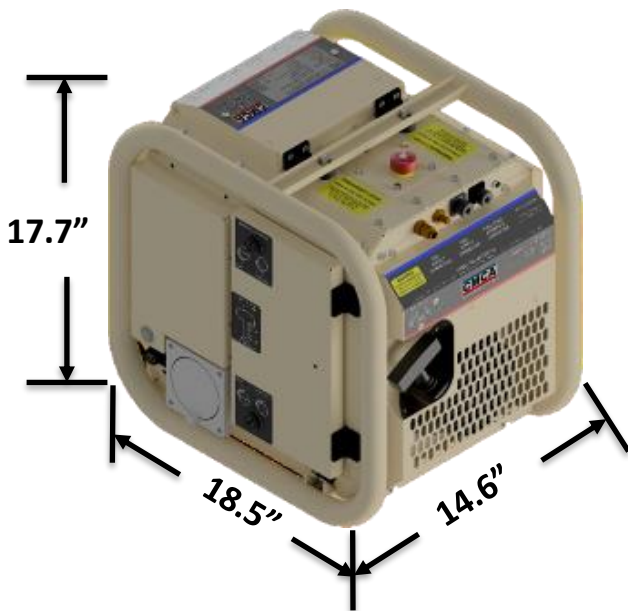
Modular 2kVA/120V (or 3kVA/230V) Hybrid-Ready Diesel Generator

Compact and Efficient Portable Power Source

Power Communications, Surveillance, Sensors and Battery Charging

Built to Military Performance and Environmental Specifications

Carry on and Export Power from Vehicles or Use at Fixed Sites



Key Features

- **Human-Machine Interface** | Digital LED + Remote monitoring & control capability
- **Easy, Reliable Start** | Electric or Manual
- **Hybrid Ready** | Auto-start/stop based on battery charge state or external hybrid controller signal
- **Modular & Scalable** | Parallel multiple systems for more power
- **Clean Power** | Supports sensitive electrical loads with minimal electromagnetic signature
- **Compact / Lightweight** | Un-matched capability-to-weight
2-man lift/carry; No MHE required to lift or move
Enables efficient power configurations on & off vehicles
- **Resilient** | Start & operate in all conditions, extreme temperatures
- **Quiet** | 75dBa to 80dBa at 7 meters - optional external muffler also available

Nishati Outpost™ Hybrid Gen 3000

Outpost™ Hybrid Generator (OHG) 3000 Kit Specifications

Kit Part Number NSN	251650-003 / 251650-003E	
Components	(1) OHG 2kVA/120VAC/60Hz (PN 89003) or 3kVA 230V/50Hz (PN 89003E) Hybrid Generator (1) OHG Quick Release Exhaust Extension (PN 89001) (1) OHG Quick Release Plastic Fuel Can Interface (PN 91020)* (1) OHG Ancillary Equipment Stowage Bag, Berry Amendment Compliant (PN 94004)	
Optional Accessories	20L Plastic Jerry Fuel Can (Sand - PN 91021 / OD Green - PN 91022)* Weather Cover (PN 94005) Transport Case (PN 91017) External Silencer (PN 99004) [with Exhaust Extension (PN 99005)]	
Warranty	1-year limited warranty against defective material & workmanship; Extended plans available	
Engine	Single Cylinder Air-cooled Auto Variable Speed	
Power Output	2kVA 120V/60Hz (PN 89003) or 3kVA 230V/50Hz (PN 89003E)	
Starting Power	24V 6Ah AGM internal battery Auxiliary 24V battery interface for cold start	
Power Interface	120V or 230V AC Out Receptacle (user specified type) Auxiliary Battery Post Terminals (M6) USB 5V DC OUT MIL-DTL-5015 2-pin DC starter battery charging port	
Power Quality	Pure Sine Wave / Supports sensitive electronics	
Power Protection	20A manual reset GFCI circuit breaker Battery Isolator Switch for storage and transport	
Parallel Capability	Two units 4kW / 120VAC or 6kW / 230VAC	
Fuel	JP5-JP8 Jet A/A1 F34, F35, F44, F54, F63, F64, F65 DL-1, DL-2 Kerosene US No. 1 & 2 EN 590 • Jerry can [P/N 91016] & Digital Fuel Sender / Interface [P/N 89002]	
Fuel Consumption	0.32 gallons per hour (at rated load)	
Oil Capacity Type	0.8L < 0°C [SAE 0W/30] >0°C <40°C [SAE 15W/40] >40°C [SAE 20W/50]	
Acoustic Profile	75 - 80 dBA @7m [optional external muffler for reduced signature]	
Dimensions	18.5" L x 14.6" W x 17.7" H	
Weight	132.3 lbs. (Dry) 136.7 lbs. (Wet)	
Operating Temperatures	- 35°C to +55°C (auxiliary battery below -20°C)	
Environmental Testing	MIL-STD-705D and MIL-STD-810H pending	
EMC	MIL-STD-461G pending	
Vehicle Mountable	Use as an auxiliary power unit (APU)	
Human Interface	Rugged digital interface with 4.3" LED screen & command buttons	
Remote Communications Interface	<ul style="list-style-type: none"> • J1939 CAN Bus (operational use) • Modbus TCP via rugged RJ45 (dev. use) 	<ul style="list-style-type: none"> • External 5V Auto Start/Stop & CANBUS port • Hand-held/wall mount master interface option
Starting Methods	<ul style="list-style-type: none"> • Manual Recoil Start • Electric Start (Control Panel Actuated) 	<ul style="list-style-type: none"> • Auto Start/Stop by External Command (5V / CAN)
Operating Modes	<ul style="list-style-type: none"> • Continuous Operation (via recoil or electric start) • Standby (External Auto Start/Stop or Remote Command) 	

*20L Steel Jerry Can and Quick Release Digital Fuel Interface option available

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