

**Mobile, Modular 2kW / 28V DC 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** | 70dBa to 75dBa at 7 meters

# Nishati Outpost™ Hybrid Gen 2000

## Outpost™ Hybrid Generator (OHG) 2000 Kit Specifications

<b>Kit Part Number</b>	<b>251650-002</b>
<b>Components</b>	(1) Outpost Hybrid Generator 2000 Mk 3 (PN 89000-3) (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)
<b>Optional Accessories</b>	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)]
<b>Warranty</b>	1-year limited warranty against defective material & workmanship; Extended plans available
<b>Engine</b>	Single Cylinder   Air-cooled   Auto Variable Speed
<b>Power Output</b>	28V DC 2.0kW (nominal) / 2.5kW (peak)
<b>Starting Power</b>	24V 6Ah AGM internal battery   NATO 28V jump   Auxiliary 24V battery interface for cold start
<b>Power Interface</b>	NATO STANAG 4074 (28V DC OUT)   MIL-DTL-38999 18-pin (28V DC OUT)   Auxiliary Battery Post Terminals (M6)   USB 5V DC OUT   MIL-DTL-5015 2-pin DC starter battery charging port
<b>Power Quality</b>	Supports sensitive electronics   UK Def Stan 59 411 Land Class A
<b>Power Protection</b>	150A & 40A manual reset circuit breakers   Battery Isolator Switch for storage and transport
<b>Parallel Capability</b>	Unlimited – Restricted only by output cable size
<b>Fuel</b>	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]
<b>Fuel Consumption</b>	0.2 gallons per hour (at rated load)
<b>Oil Capacity   Type</b>	0.8L   < 0°C [SAE 0W/30] >0°C <40°C [SAE 15W/40] >40°C [SAE 20W/50]
<b>Acoustic Profile</b>	75 - 80 dBA @7m [optional external muffler for reduced signature]
<b>Dimensions</b>	18.5" L x 14.6" W x 17.7" H
<b>Weight</b>	121.3 lbs. (Dry)   125.7 lbs. (Wet)
<b>Operating Temperatures</b>	- 35°C to +55°C (auxiliary battery below -20°C)
<b>Environmental Testing</b>	MIL-STD-705D and MIL-STD-810H pending
<b>EMC</b>	MIL-STD-461G pending
<b>Vehicle Mountable</b>	Use as an auxiliary power unit (APU)
<b>Human Interface</b>	Rugged digital interface with 4.3" LED screen & command buttons
<b>Remote Communications Interface</b>	<ul style="list-style-type: none"> <li>• J1939 CAN Bus (operational use)</li> <li>• Modbus TCP via rugged RJ45 (dev. use)</li> <li>• External 5V Auto Start/Stop &amp; CANBUS port</li> <li>• Hand-held/wall mount master interface option</li> </ul>
<b>Starting Methods</b>	<ul style="list-style-type: none"> <li>• Manual Recoil Start</li> <li>• Electric Start (Control Panel Actuated)</li> <li>• Auto Start/Stop by External battery SOC</li> <li>• Auto Start/Stop by External Command (5V / CAN)</li> </ul>
<b>Operating Modes</b>	<ul style="list-style-type: none"> <li>• Continuous Operation (recoil or electric start)</li> <li>• Standby (External Auto Start/Stop or Remote Command)</li> <li>• Auto Charge (Auto Start/Stop)</li> </ul>

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

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