

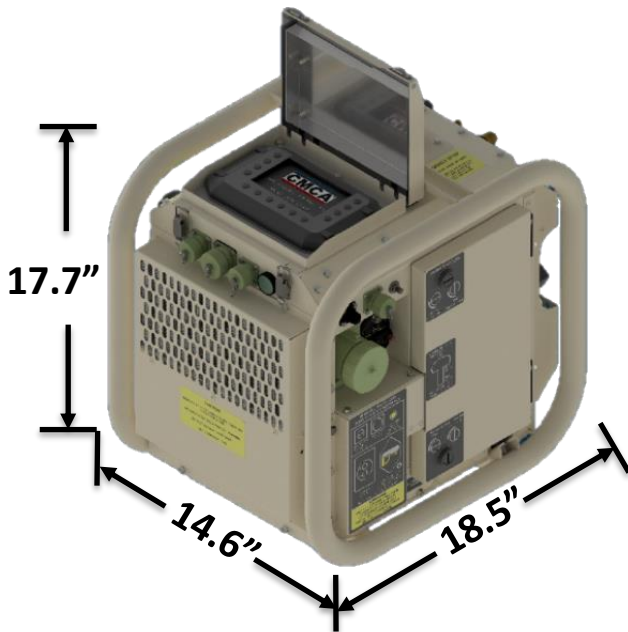
Mobile, Modular 2kW / 28V DC Hybrid-Ready Diesel Generator

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** | 65dBa to 75dBa at 7 meters

Nishati Outpost™ Hybrid Gen 2000

Outpost™ Hybrid Generator (OHG) 2000 Kit Specifications

Kit Part Number	251650-002	
Components	(1) OHG 2000 2kW/28V DC Hybrid Generator (PN 89000) / NSN 6115994017207 (1) OHG Quick Release Exhaust Extension (PN 89001) / NSN Pending (1) OHG Quick Release Digital Fuel Interface and Stowage Tube (PN 89002) / NSN Pending (1) OHG Ancillary Equipment Stowage Bag, Berry Amendment Compliant (PN 94004) / NSN Pending	
Optional Items	20L Steel Jerry Fuel Can (PN 91016) Weather Cover (PN 94005) Transport Case (PN 91017)	
Warranty	1-year limited warranty against defective material & workmanship; Extended plans available	
Engine	Single Cylinder Air-cooled Auto Variable Speed [1500 to 3600 RPM]	
Power Output	28V DC 2.1kW (nominal) / 1.6kW (continuous)	
DC Bus	Independent 70A & 10A DC alternators 24V 6Ah AGM internal battery (smooths output)	
Power Interface	Single pole STANAG 4074 NATO (28V DC OUT) MIL-DTL-38999 18-pin (28V DC OUT) USB 5V DC OUT MIL-DTL-5015 2-pin DC internal battery charging port	
Power Quality	Supports sensitive electronics UK Def Stan 59 411 Land Class A	
Power Protection	80A & 40A manual reset circuit breakers	
Parallel Capability	Unlimited – Restricted only by output cable size	
Fuel	JP5-JP8 Jet A/A1 F34, F35, F44, F63, F64, F65 DL-1, DL-2 Kerosene US No. 1 & 2 EN 590 • External tank / jerry can / vehicle fuel line	
Fuel Consumption	0.2 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	65 dBA to 75 dBA @7m	
Dimensions	18.5" x 14.6" x 17.7"	
Weight	110.2 lbs. (Dry) 114.6 lbs. (Wet)	
Operating Temperatures	- 35°C to +55°C	
Environmental Testing	UK Def Stan 00 35 Drop, Topple, Shock, Vibration (wheeled & tracked vehicles on/off road) - Reference US military standard: MIL-STD-810H	
EMC	UK Def Stan 59 411 Land Class A	
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"> • Modbus TCP via ruggedized RJ45 port • Hand-held/wall mounted master interface available 	<ul style="list-style-type: none"> • External 5V Auto Start/Stop & CANBUS port
Starting Methods	<ul style="list-style-type: none"> • Manual Recoil Start • Electric Start From Internal Battery 	<ul style="list-style-type: none"> • Auto Start/Stop by External battery SOC • Auto Start/Stop by Remote Command
Operating Modes	<ul style="list-style-type: none"> • Continuous Operation • Standby (Remote Command-Auto or Manual Start/Stop) 	<ul style="list-style-type: none"> • Auto Charge (Auto Start/Stop)

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