Nishati Power Technologies™

Outpost™ Hybrid Generator (OHG) 2000-AC

Modular 2kW 120V Hybrid-Ready Diesel Generator



Portable, Reliable, Rugged Power Source

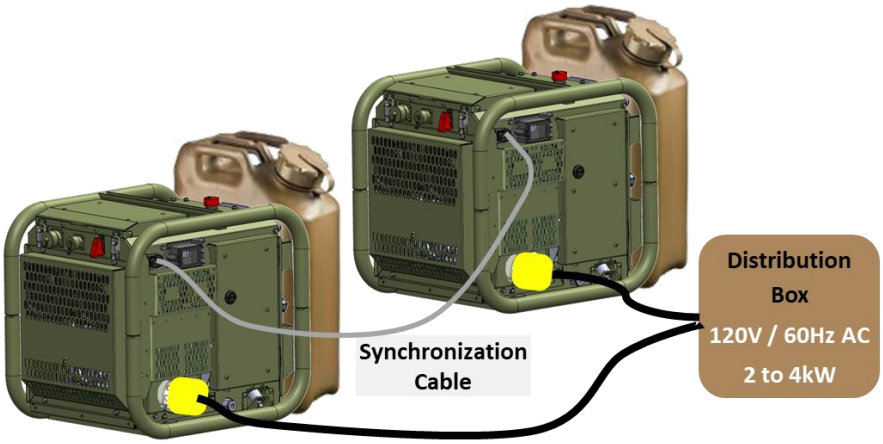
Built to Military Standards

High Quality Spot Power Generation

Export Power from Vehicles or Use at Fixed Sites

Power Communications, Surveillance, Sensors, Mobile Air Defense

Two Generators Easily Synchronize in Parallel for Increased Power



- **Digital Human-Machine Interface (HMI) & Display |** Controls, Electrical Data, Fault Monitoring
- **Easy, Reliable Start |** Electric or Manual
- **Hybrid Operation |** Externally-Commanded Start / Stop
- **Modular |** Military jerry can serves as a modular/hot-swappable fuel tank
- **Scalable |** Parallel two generator sets for more power
- **Clean Power |** Supports sensitive electrical loads
- **Compact / Lightweight |** Un-matched capability-to-weight
  No MHE required to lift or move; 1-2 person moveable (3-4-person carry)
  Enables efficient power configurations on & off vehicles
- **Resilient |** Start & operate in all conditions, extreme temperatures
- **Quiet |** 75 - 80dB at 7 meters

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Outpost™ Hybrid Gen 2000-AC

Outpost™ Hybrid Generator (OHG) 2000-AC Kit Specifications	
Kit Part Number | NSN	**251650-003-2i (Paralleling) / 251650-003-2G (GFCI / Non-paralleling)**
Components	(1) Outpost Hybrid Generator 2000-AC (PN 89003-2i / 89003-2G) (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) (1) 20L Plastic Jerry Fuel Can, OD Green (PN 91022)
Optional Accessories	20L Plastic Jerry Fuel Can, Sand (PN 91021) | Weather Cover (PN 94005) Transport Case (PN 91017) External Silencer (PN 99004) with Exhaust Extension (PN 99005) | AC Synchronization Cable (99002)
Warranty	1-year limited warranty against defective material & workmanship; Extended plans available
Engine	Single Cylinder | Air-cooled
Power Output	2kVA 120V/60Hz (PN 89003)
Starting Power	24V 6.3Ah/130 CCA AGM internal battery | Auxiliary 24V battery interface for cold temperature operations and hybrid remote start augmentation
Power Interface	20A / 120V IEC 60309 Type 2 Pole / 3 Wire | Non-parallelable GFCI Option Available Aux. Battery IN / DC OUT: M8 Post Terminals | Starter Battery Trickle Charge Receptacle: SAE 2-pin
Power Quality	Pure Sine Wave / Supports sensitive electronics
Power Protection	20A manual reset circuit breaker (GFCI Option)| Overload, Over-Temp, Short-circuit Emergency Stop (E-STOP) | Aux. Battery Isolate Switch / 60A CB (resettable) Starter Battery Isolate Switch / 60A CB (resettable)
Parallel Capability	Two units | 4kW / 120VAC
Fuel	JP5-JP8 | Jet A/A1 | F34, F35, F44, F54, F63, F64, F65 | DL-1, DL-2 | Kerosene | US No. 1 & 2 | EN 590
Fuel Consumption	0.27 gallons per hour (at rated load)
Oil Capacity | Type	0.8L | API Service Categories CD or higher / SAE viscosity according to ambient temperatures
Acoustic Profile	75 - 80 dB @7m [optional external muffler for reduced signature]
Dimensions	19.69”L x 15.75”W x 17.72”H
Weight	132.3 lbs. (Dry) | 136.7 lbs. (Wet)
Operating Temperatures	- 20°F to +125°F at sea level [Cold Start Mode, Auxiliary Battery, 5W30 oil recommended below 32°F]
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	• 5V TTL & CANBus for Remote Start/Stop, battery communications, remote HMI/controls • RJ45 port for system software updates
Starting & Operating Modes	• Normal (User-Initiated Electric Start) • Remote Start (External 5V TTL or CANBus) • Cold Start (User-initiated Normal mode <32°F) • Manual (User-Initiated Recoil Start)

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Portable • Reliable • Rugged
Military Power

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