Nishati Power Technologies™

Outpost™ Hybrid Generator (OHG) 2000-DC

Modular 2kW / 28V DC Diesel Smart / Hybrid Power Generator

Patent Pending CANBus-Enabled Smart Control and Charging Technology
Built to Military Performance and Environmental Specifications

Utility Spot Power Generation / Li-Ion & Lead-Acid Battery Charging

Power Communications, Surveillance, Sensors, Mobile Air Defense

- **Digital Human-Machine Interface (HMI) & Display |** Controls, Electrical Data, Fault Monitoring
- **Easy, Reliable Start |** Electric or Manual
- **Hybrid Operation/CANBus Communications |** Autonomous or Externally-Commanded Start / Stop
- **Modular & Scalable |** Modular/swappable jerry can fuel source / Parallel 2 sets for more power
- **Clean Power + High-Capacity Battery Charging |** Mil-Std-1332B DC Power Quality & Li6T Charging
- **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, including extreme temperatures
- **Quiet |** 75 - 80dB at 7 meters

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Outpost™ Hybrid Gen 2000-DC

Outpost™ Hybrid Generator (OHG) 2000-DC Kit Specifications	
Kit Part Number	**251650-002-3i / NSN TBA**
Kit Components	(1) Outpost Hybrid Generator 2000-DC (PN 89000-3i / NSN 6115-01-726-0063) (1) OHG Quick Release Exhaust Extension (PN 89001 / NSN 2835-01-735-0019) (1) OHG Quick Release Plastic Fuel Can Interface (PN 91020 / NSN TBA) (1) OHG Ancillary Equipment Stowage Bag (PN 94004 / NSN 8105-01-734-9363) (1) 20L Plastic Jerry Fuel Can, OD Green (PN 91022 / 7240-01-337-5269) (1) Cable, Export Power, NATO to NATO, 15 ft., 2/2 AWG (PN 913003 / NSN TBA) (1) Cable, Remote Start, CANBus, 15 ft. (PN 915001 / NSN TBA)
Available Accessories	20L Plastic Jerry Fuel Can, Sand (PN 91021) | Weather Cover (PN 94005) | Transport Case (PN 91017) Remote Start Cables, 4-pin to 4-pin, 15 ft.: 5V TTL only (PN 915002) | 5V + CANBus (PN 915003)
Warranty	1-year limited warranty against defective material & workmanship; Extended plans available
Engine	Single Cylinder | Air-cooled
Power Output	28V DC 1.8kW (nominal) / 2.1kW (maximum continuous)
Starting Power	24V 6.3Ah/130 CCA AGM internal battery | NATO 28V jump start | Auxiliary 24V battery interface for cold temperature operations and hybrid remote start augmentation
Power Interface	28V DC Export Power Receptacle: NATO STANAG 4074 | Auxiliary Battery IN / Secondary DC OUT: M8 Post Terminals | Starter Battery Trickle Charge Receptacle: SAE 2-pin
Power Quality	Mil-Std-1332B DC Utility Power
Power Protection	Export Power 120A/48VDC manually-switchable/resettable CB | Emergency Stop (E-STOP) Aux. Battery Isolate Switch / 60A CB (resettable) | Starter Battery Isolate Switch / 60A CB (resettable)
Parallel Capability	Unlimited – Restricted only by output cable size
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	0.24 gallons per hour (at 1,800W 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	127.4 lbs. (Dry) | 129 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
EMC	MIL-STD-461G
Vehicle Mountable	Use as an auxiliary power unit (APU)
Human Interface	Rugged digital interface with 4.3” LED screen & command buttons
Remote Communications	• 5V TTL & CANBus for Remote Start/Stop, battery communications, remote HMI/controls • RJ45 port for system software updates
Starting & Operating Modes	• Normal (User-initiated Start / Spot Power) • Battery Charge (Generator-Initiated Start/ Stop to maintain External Battery SOC) • Remote Start (External 5V TTL or CANBus) • Cold Start (Spot Power or Battery Charge <32°F) • Manual (User-Initiated Recoil Start)

2200 E. Williams Field Rd. Ste 200
Gilbert, AZ 85295
571-999-3482

Portable • Reliable • Rugged
Military Power

Website: www.nishati-us.com
Patents: www.nishati-us.com/patent
E-mail inquiries: Info@nishati-us.com