



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

Outpost™ Hybrid Generator (OHG) 2000-DC Kit Specifications

Kit Part Number	251650-002-3i (Full USMC LDCG Kit) / 251651-002-3i (Kit with no cables)	
Kit Components (251650-002-3i)	(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 2190-01-735-6453) (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 6150-01-735-5989) (1) Cable, Remote Start, CANBus, 15 ft. (PN 915001 / NSN 5995-01-735-5872)	
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	<ul style="list-style-type: none"> • 5V TTL & CANBus for Remote Start/Stop, battery communications, remote HMI/controls • RJ45 port for system software updates 	
Starting & Operating Modes	<ul style="list-style-type: none"> • Normal (User-initiated Start / Spot Power) • Battery Charge (Generator-Initiated Start/ Stop to maintain External Battery SOC) 	<ul style="list-style-type: none"> • 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

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Military Power**

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Patents: www.nishati-us.com/patent

E-mail inquiries: Info@nishati-us.com