

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

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

For Communications, Surveillance, and Sensors

Built to Military Performance and Environmental Specifications

Carry on and Export Power from Vehicles or Use at Fixed Sites



Key Features

- **Digital Human-Machine Interface (HMI) & Display** | Controls, Electrical Data, Fault Monitoring
- **Easy, Reliable Start** | Electric or Manual
- **Hybrid Operation** | Autonomous or Externally-Commanded Start / Stop
- **Modular & Scalable** | Parallel Multiple Systems 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 (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

Nishati Outpost™ Hybrid Gen 2000

Outpost™ Hybrid Generator (OHG) 2000 Kit Specifications

Kit Part Number	251650-002-3i	
Components	(1) Outpost Hybrid Generator 2000 Mk 3i (PN 89000-3i) (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)]	
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 (peak)	
Starting Power	24V 12.6Ah/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: M6 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	0.27 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	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 pending	
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"> External 5V Transistor-Transistor Logic (TTL) Auto Start/Stop RJ45 port for system software updates 	
Starting & Operating Modes	<ul style="list-style-type: none"> Continuous (User-Initiated Electric Start) Auto Charge (Generator-Initiated Start/Stop to maintain External Battery SOC) Auto Start [External Command (5V TTL) Start/Stop] Cold Start (User-initiated Continuous mode <32°F) Manual (User-Initiated Recoil Start) 	

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



Website: www.nishati-us.com

Patents: www.nishati-us.com/patent

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