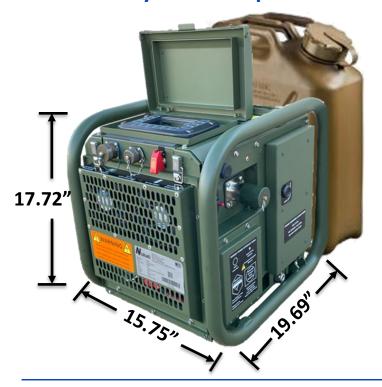


## Outpost™ Hybrid Generator (OHG) 2000

## 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



Outpost™ Hybrid Generator (OHG) 2000 Kit Specifications	
Kit Part Number	251650-002-3i
Components	<ul> <li>(1) Outpost Hybrid Generator 2000 Mk 3i (PN 89000-3i)</li> <li>(1) OHG Quick Release Exhaust Extension (PN 89001)</li> <li>(1) OHG Quick Release Plastic Fuel Can Interface (PN 91020)</li> <li>(1) OHG Ancillary Equipment Stowage Bag, Berry Amendment Compliant (PN 94004)</li> <li>(1) 20L Plastic Jerry Fuel Can, OD Green (PN 91022)</li> </ul>
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> <li>External 5V Transistor-Transistor Logic (TTL) Auto Start/Stop</li> <li>RJ45 port for system software updates</li> </ul>
Starting & Operating Modes	<ul> <li>Continuous (User-Initiated Electric Start)</li> <li>Auto Charge (Generator-Initiated Start/Stop to maintain External Battery SOC)</li> <li>Auto Start [External Command (5V TTL) Start/Stop]</li> <li>Cold Start (User-Initiated Continuous mode &lt;32°F)</li> <li>Manual (User-Initiated Recoil Start)</li> </ul>

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