

▼ **PowerGrid UPS 800**

The 800, 1,600, 2,400 and 3,200 Watt Integrated UPS Solution



Northrop Grumman's PowerGrid UPS 800 combines the latest advancements in UPS power and battery technology. It delivers more than 800 watts of uninterrupted power for deployed and mobile systems—having the smallest footprint in the industry today.

Highly Versatile...

The PowerGrid UPS 800 employs an advanced Load Balancing Interconnect (LBI) design for maximum versatility. The LBI design interconnects the inverter and power circuitry in each unit, allowing them to work together for a fully meshed, load-balanced and uninterruptable power grid for the attached systems. The unit offers full power conditioning in low quality power environments and lightning protection in harsh weather. Additional features include the latest in lithium ion battery technology, embedded battery power management and charging circuitry. Its unique DuoSwap dual-battery design allows operators to remove



This design allows up to four PowerGrid UPS 800 units stacked and interlinked together to provide either an 800, 1,600, 2,400 and 3,200 watt integrated solution.

and replace batteries so that during extended power loss, critical systems can be maintained by alternately replacing drained batteries. The unit is complemented by a "zero" U Remote Power Interconnect Module

Specifications

| | |
|-----------------------------------|---|
| AC Input Voltage | 100 – 264 VAC, 47 – 63 Hz |
| Battery Backup | 9 minutes at 25C, 80% Load |
| Output Voltage | 120 VAC True Sine wave |
| Output Frequency | 60 Hz +/- .2% |
| Harmonic Distortion | <2% with resistive load |
| Output Power | 800 Watts |
| Efficiency | 80% |
| Startup Time | <30 Seconds |
| Control & Status | SNMP |
| Physical Dimensions | 19" rack mount/1U height/ 21.75" depth |
| Cooling | Side to back internal airflow |
| Weight | 26.5 Lb |
| Altitude | 10,000 Ft Operating – 40,000 Ft Non-Operating |
| Temperature | - 20 to 50C |
| Humidity | 90% non-condensing |
| Fungus | MIL-STD-810F |
| Salt Fog | MIL-STD-810F |
| Sand, Dust and Volcanic Ash | MIL-STD-810F |
| Vibration | MIL-STD-810F |
| Functional Shock | MIL-STD-810F |

(RPIM) that can be easily modified to accommodate any MIL or commercial plug style. The RPIM can be rail- or panel-mounted wherever power connections are needed.

Feature Rich...

The PowerGrid UPS 800 offers a wide range of enabling features, including full EMI shielding, thermostat-controlled fans, replaceable dust filters, embedded SNMP remote management and power fault signaling and over-voltage protection circuitry. Each unit is equipped with a vehicle/DC generator 24VDC emergency primary power interconnect. This works in conjunction with the standard AC primary power interconnect and will automatically switch to emergency DC power and back on loss or restoral of primary AC power.

Tough...

The PowerGrid UPS 800 meets the battlefield environmental specifications of MIL-STD-810F. The solid

core batteries reduce leakage risk, eliminating HAZMAT and environmental concerns and facilitating shipment by air or ground without restriction.

and Small...

Designed for deployed and industrial applications where size and weight matter most, the PowerGrid UPS 800 packs a large amount of power in a small package—a standard 19-inch rack, taking up only 1U of space, a mere 21.75 inches deep and weighing just 26.5 pounds.

Pound for pound, dollar for dollar, feature for feature, the PowerGrid UPS 800 has no equal.

For more information, please contact:

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