

RUGGED GALAXY™ SERIES TRUE ON-LINE UPS 1 - 1.5 - 2KVA



APPLICATIONS

Utilizing field proven transformer isolated topology, this family of rugged UPS is suitable for harsh environments and can be customized for unique applications including:

- Shelters
- Tactical Systems
- Shipboard Power
- MIL-STD-810
- MIL-STD-901
- HMMWVs
- Mobile Systems
- Ground support
- MIL-STD-461
- MIL-STD-167



NOVA ELECTRIC
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ISO 9001

A Leader in UPS Technology since 1966 - 500VA-500+KVA

MADE IN USA

TRUE ONLINE RUGGED SINEWAVE UPS

CAN MEET MIL-STD-810, MIL-STD-1399, MIL-STD-901, MIL-STD-704, & MIL-STD-461 OPTIONALLY

APPLICATIONS

The rugged Galaxy Series UPS is designed to provide years of reliable service in harsh shock, vibration, humidity, and EMI environments. Military applications include HMMVW, UAV, Shipboard, Submarine, Shelter, and Mobile Power Units.

OPTIONS

- 400 Hz Input and/or Output
- MS Connector Mates
- Chassis Slides
- Internal Solid State Transfer Switch
- Premium 10 Year Life Wide Temperature Range Batteries
- RS232 or SNMP
- Run Time to 24+ Hours
- Three-Phase Input
- Custom Cabinets & Turnkey Solutions
- Rail Frequency Hz - 83, 91.66, 100, 200, or 250 Hz.

SPECIFICATIONS

ELECTRICAL

Frequency: Specify 50, 60, or 400Hz
 Voltage Regulation: $\pm 1\%$ NL to FL
 Frequency Regulation: $\pm 0.5\%$ NL to FL
 Harmonic Distortion: 5% THD
 Power Factor: 0.7 lead to 0.7 lag
 Efficiency at full load: 75-80% typical
 Overload: 125% for 5 minutes

INTERNAL BATTERIES

Sealed, maintenance-free and user replaceable. 3-5 years lifetime.

PROTECTIVE FEATURES

AC & DC Input Circuit Breakers, Low Battery Shut Off, Overload & Thermal Protected, Input Under / Overvoltage Protected, Audible Alarm with Silence Switch

ENVIRONMENTAL

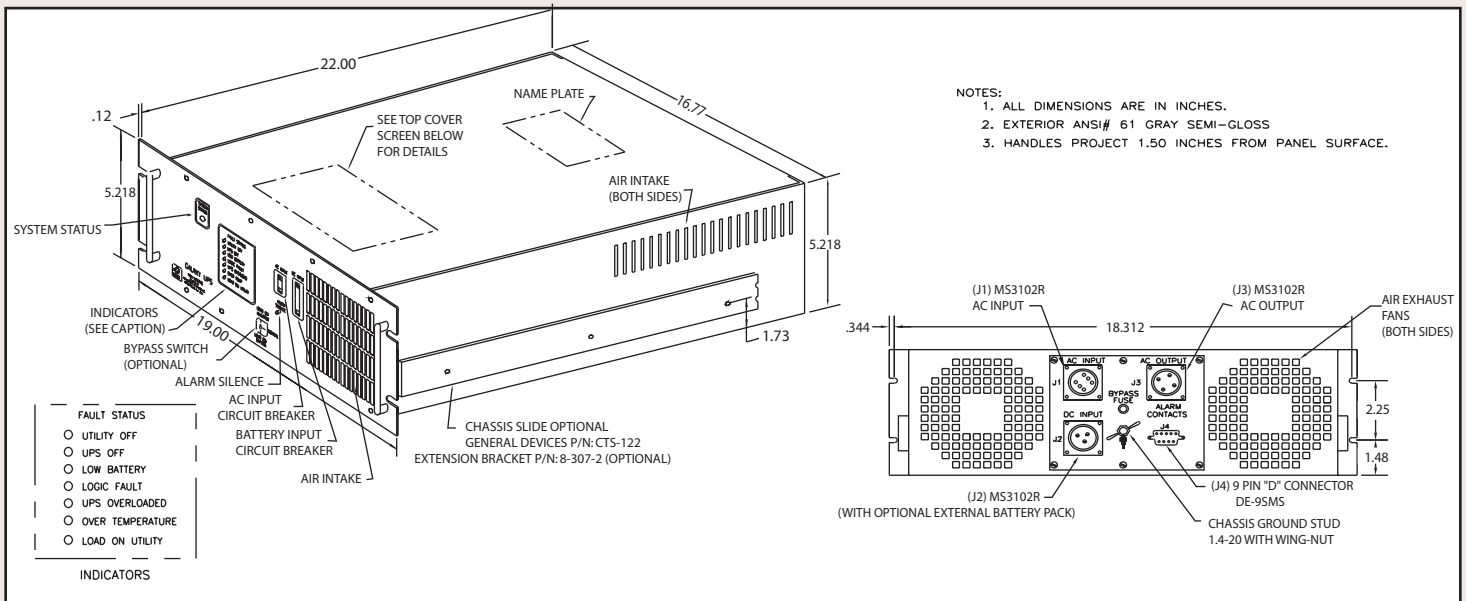
Operating Temp.: -20° to $+50^{\circ}$ C
 Storage Temp. Range: -20° to $+50^{\circ}$ C (extended range available)
 Humidity: to 95% non-condensing
 Elevation: 15,000 Ft. (4.572m) operating; 40,000 ft. (12.192m) non-operating
 Shock: 20g/11mS
 Audible Noise: Less than 55 dbA at 5 ft.

ALARMS & DIAGNOSTICS

System Status (Green/Red)
 Utility Off (Red) UPS Overload (Red)
 UPS Off (Red) Over Temp. (Red)
 Low Battery (Red) Load On Utility (Red)
 Logic Fault (Red) (with SST Option)
 Alarm Contacts: Standard
 RS232 or SNMP Optional

MODEL SELECTION

MODEL	KVA	INPUT	OUTPUT	LBS	BATTERY	STD. RUNTIME
GRSL11-1k60-120-120	1	120VAC	120VAC, 60HZ	90	INTERNAL	15 MINUTES
GRSL11-1k50-220-220	1	220VAC	220VAC, 50HZ	90	INTERNAL	15 MINUTES
GRSL11-1k400-115-115	1	115VAC	115VAC, 400HZ	90	INTERNAL	15 MINUTES
GRSL11-1k60-120/240A-120	1	120/240VAC, 50/60HZ	120, 60HZ	110	INTERNAL	15 MINUTES
GRSL11-1.5k60-120-120	1.5	120VAC	120VAC, 60HZ	100	INTERNAL	10 MINUTES
GRSL11-1.5k50-220-220	1.5	220VAC	220VAC, 50HZ	100	INTERNAL	10 MINUTES
GRSL11-1.5k400-115-115	1.5	115VAC	115VAC, 400HZ	100	INTERNAL	10 MINUTES
GRSL11-1.5k60-120/240A-120	1.5	120VAC, 50/60HZ	120VAC, 60HZ	119	INTERNAL	10 MINUTES
GRSL11-2k60-120-120	2	120VAC, 50/60HZ	120VAC, 60HZ	110	INTERNAL	5 MINUTES
GRSL11-2k50-220-220	2	220VAC	220VAC, 50HZ	110	INTERNAL	5 MINUTES
GRSL11-2k400-115-115	2	115VAC	115VAC, 400HZ	110	INTERNAL	5 MINUTES
GRSL11-2k60-120/240A-120	2	120/240VAC, 50/60HZ	120, 60HZ	130	INTERNAL	5 MINUTES



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