

RUGGED GALAXY™ SERIES TRUE ON-LINE UPS COMPACT 3U CHASSIS 3 KVA OUTPUT POWER



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-1399



NOVA ELECTRIC

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ISO 9001

FILE: A5269

A Leader in UPS Technology since 1966 - 500VA to 300KVA

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

- Ruggedization against high shock vibration and humidity
- MS connector mates
- 400Hz input and /or output
- Chassis slide guides
- Solid State or electromechanical transfer switch
- Additional battery back-up time (up to 24 hours available)
- Premium batteries with up to 10 year life
- Custom enclosures

SPECIFICATIONS

ELECTRICAL

Input Voltage (select)
 115, 120, 208, 220, 230, 240 VAC 1 Phase
 115/200, 120/208, 220/380 3 Phase
 Frequency: 50, 60, or 400Hz Available
 Voltage Regulation: $\pm 2\%$ 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: 85-87% typical
 Connections: MS Connector (mates opt.)

NOMINAL DIMENSIONS

3KVA UPS Dimensions:
 5.25" High x 19" Wide x 22.25" Deep
3U Battery Dimensions:
 5.25" High x 19" Wide x 22.25" Deep
4U Battery Dimensions:
 7" High x 19" Wide x 24" Deep

ENVIRONMENTAL

UPS Operating Temp.: -20° to $+50^{\circ}\text{C}$
 UPS Storage Temp. Range: -40° to $+60^{\circ}\text{C}$
 Humidity: to 95% non-condensing
 Elevation: 15,000 Ft. (4,572m) operating;
 40,000 ft. (12,192m) non-operating
 Shock: 20g for 11ms
 Audible Noise: Less than 55 dbA at 5 ft.

STANDARD REMOTE CONTACTS

Major Alarm: Logic Fault, Low Battery, OT, UPS Overloaded.

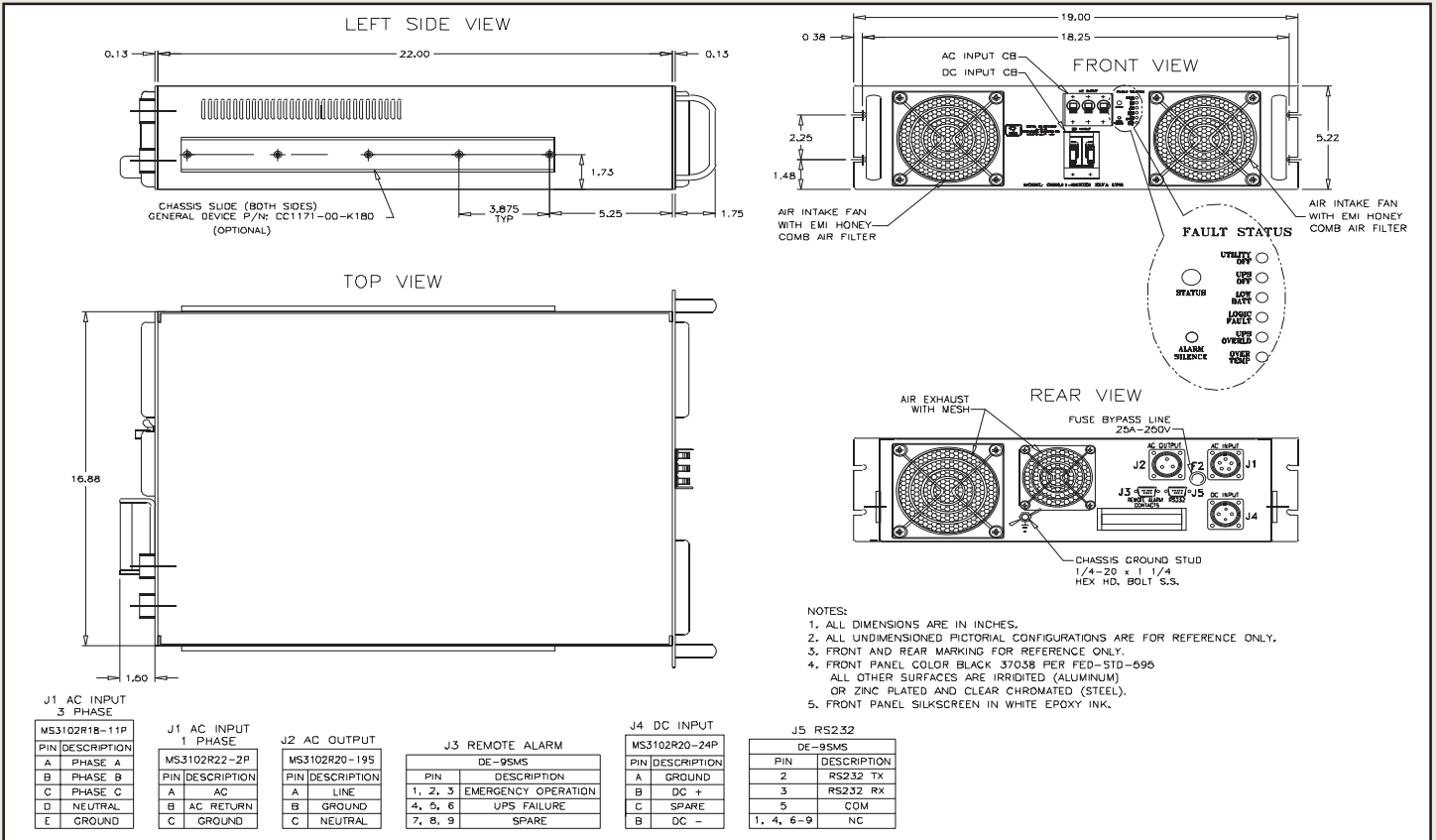
Minor Alarm: Utility Off, Load on Utility

PROTECTIVE FEATURES

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

MODEL SELECTION

MODEL	KVA	INPUT	INPUT AMPS	OUTPUT	UPS LBS.	3U BATTERY	RUN TIME with 1/2 3U bat packs (minutes)	3U BATTERY LBS.	4U BATTERY	RUN TIME with 1/2 4U bat packs (minutes)	4U BATTERY LBS.
GRSL11-3K60-120-120	3	120VAC	43 A	120 VAC	85	PC3K-96-2-HR1234W	18 / 45	125	PC3K-96-2-17AH	45 / 110	235
GRSL11-3K50-220-220	3	220VAC	26 A	220 VAC	85	PC3K-144-2-HR1234W	13 / 32	95	PC3K-144-17AH	30 / 75	188
GRSL11-3K400-115-115	3	115 VAC	43 A	115 VAC	85	PC3K-96-2-HR1234W	18 / 45	120	PC3K-96-2-17AH	45 / 110	235
GRSL11-3K60-120/208-120	3	120/208 VAC	15 A	120 VAC	85	PC3K-192-2-HR1234W	18 / 45	120	PC3K-192-17AH	45 / 110	235



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