

# 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**  
[www.novaelectric.com](http://www.novaelectric.com)  
[novasales@theallpower.com](mailto:novasales@theallpower.com)



**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.:  $-20^{\circ}$  to  $+50^{\circ}\text{C}$   
 UPS Storage Temp. Range:  $-40^{\circ}$  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.

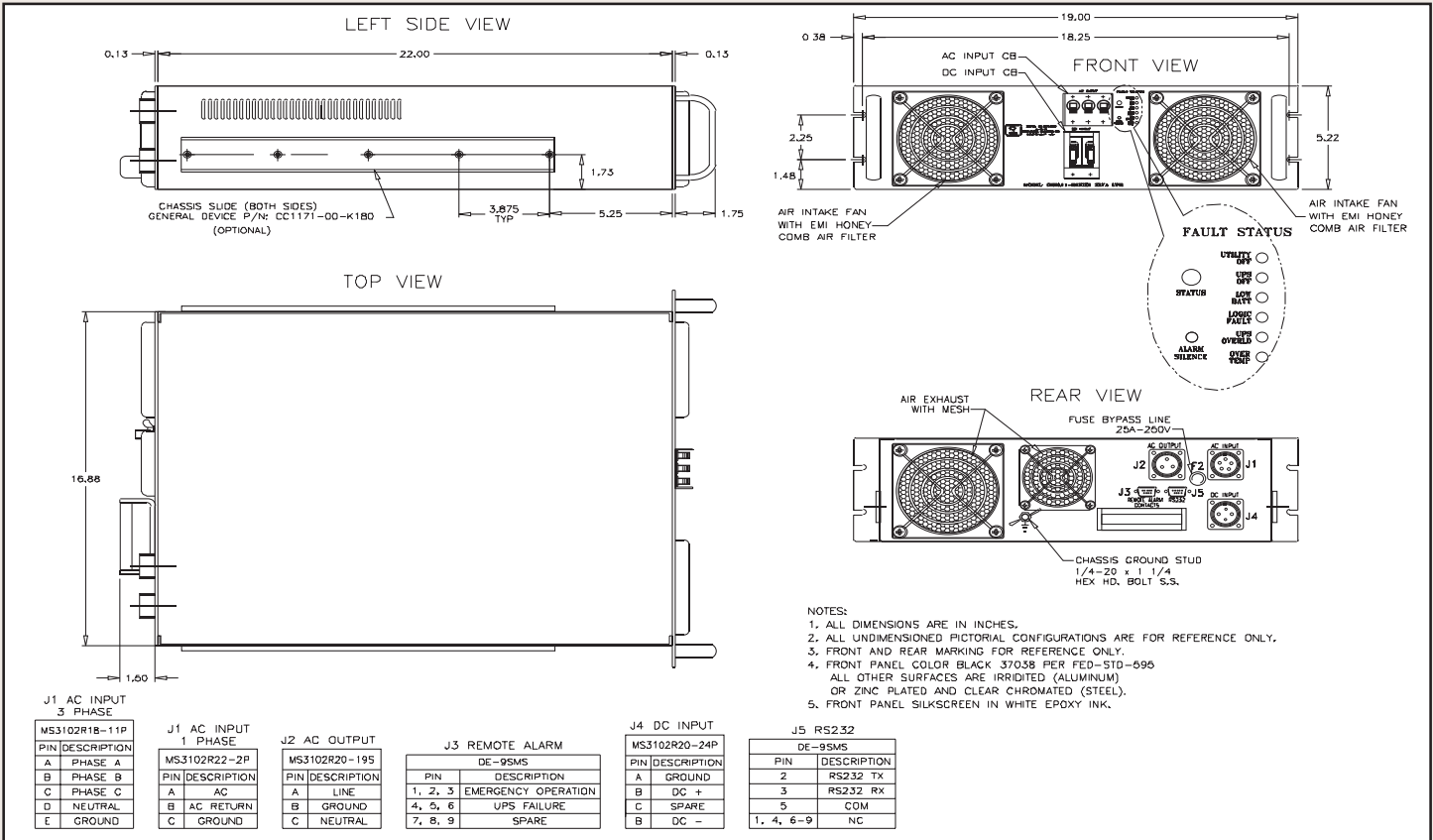
Minor Alarm: Utility Off, Load on Utility

### 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



WEB : [www.novaelectric.com](http://www.novaelectric.com)  
 E-Mail : [novasales@theallpower.com](mailto:novasales@theallpower.com)  
 PHONE : (201) 385-0500 FAX : (201) 385-0702



**NOVA ELECTRIC**  
 A Division of  
 TECHNOLOGY DYNAMICS, INC.  
 100 School St., Bergenfield NJ 07621



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