

ADVANCED FEATURES

- ❑ Automatic DC offset
- ❑ Totally Modular Design
- ❑ Two Stage Battery Charger
- ❑ Input Inrush Current Control
- ❑ Synchronized PFC Modules
- ❑ Efficiency exceeding 80%

RUGGED NAVY GALAXY™ SERIES

TRUE ON-LINE UPS

POWER FACTOR CORRECTED
&
GALVANICALLY ISOLATED

1.5KVA & 2.5KVA

BULKHEAD MOUNT



OPTIONAL FEATURES SHOWN

APPLICATIONS

This rugged UPS is specifically designed for submarine and shipboard applications in compliance to MIL-STD-1399, MIL-STD-461, MIL-STD-901, MIL-STD-167, MIL-STD-810, and MIL-STD-740. It provides very high quality pure sinewave output (2% THD) and is capable of driving non-linear loads such as non-PFC Switching Power Supplies.



NOVA ELECTRIC

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ISO 9001

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

ADVANCED TRUE ONLINE RUGGED SINEWAVE UPS

BULKHEAD MOUNT

Designed to comply with MIL-STD-1399, MIL-STD-461, MIL-STD-167, MIL-STD-810, MIL-STD-901 and MIL-STD-740.

APPLICATIONS

This Power Factor Corrected Shipboard / Submarine Grade UPS is specifically designed and tested for Naval Applications where MIL-STD-1399 power requirements apply. This unit contains many advanced features, yielding superior performance and reliability.

OPTIONS

- Single Phase Input
- RS 232 or SNMP Interface
- MS Connector Mates
- High Speed Mechanical Transfer Switch
- Wide temperature range
- Shock mounts
- Manual bypass switch
- External bypass switch
- Custom Paint & Markings

DIMENSIONS

30" H x 24" W x 12" D
including internal batteries

SPECIFICATIONS

ELECTRICAL

Optional Input Voltages available (select):
115, 120, 208, 220, 230, 240 VAC. 1Ø
115/200, 120/208, 220/380 3Ø
Optional Input Frequencies available (specify):
50, 60 or 400 Hz
Optional Output Voltages Available (specify):
115, 120, 208, 220, 230, 240 VAC 1Ø
Output Frequency (specify): 50, 60 or 400Hz
Voltage Regulation: ± 2% NL to FL
Frequency Regulation: 0.1%
Harmonic Distortion: 2% THD Typical
5% Max
Input Power Factor: 0.99
Efficiency at full load: 82% typical
Overload: 125% for 5 minutes

INTERNAL BATTERIES

Premium wide temp batteries which are sealed, maintenance- free, and user replaceable. Extended runtime available

PROTECTIVE FEATURES

AC & DC Input Circuit Breakers, Low Battery Shut Off, Overload & Thermal Protection, Audible Alarm with Silence Switch, and optional EPO.

ENVIRONMENTAL

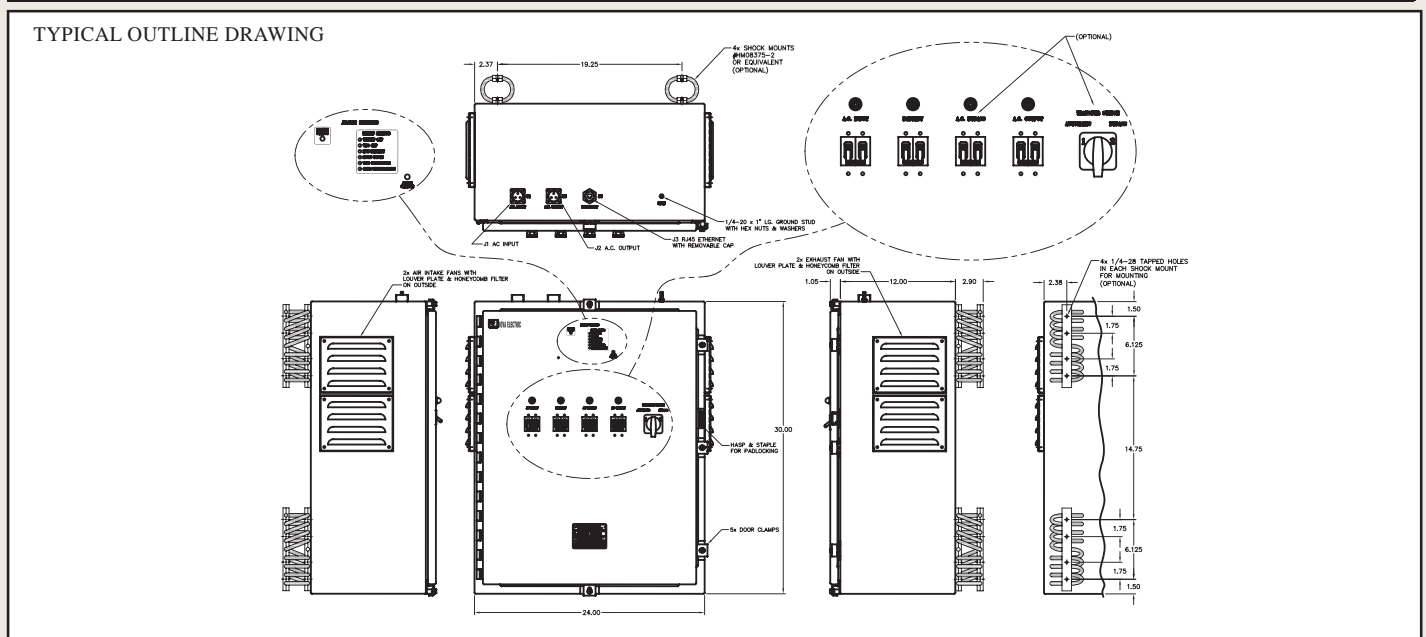
Operating Temp: -20° to +50°C per MIL-STD-810
Storage Temp Range: -40° to +60°C
Humidity: to 95% non-condensing
Elevation: 15,000 Ft. (4,572m) operating
40,000Ft(12,192m) non-operating
Audible Noise: Less than 55 dbA at 5 ft.
Cooling: Forced air
EMI: per MIL-STD-461
Vibration: per MIL-STD-167
Shock: 20g for 20mS half sinewave per MIL-STD-901 Grade A
Structureborne noise: MIL-STD-740B Grade A
MTBF: 100,000+ hours per field data
MTTR: 30 minutes

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 XFR SW Option)
Alarm Contacts: Standard
RS 232 or SNMP: Optional

MODEL SELECTION

| PARTIAL MODEL SELECTION | KVA | INPUT | OUTPUT | UPS LBS | RUN TIME |
|---------------------------|-----|-------------|---------|---------|----------|
| NGHS11-1.5K60-115-120 | 1.5 | 115 VAC | 120 VAC | 145 | 10 min |
| NGHS11-1.5K60-115(D)-120 | 1.5 | 115 VAC L-L | 120 VAC | 145 | 10 min |
| NGHRS11-2.5K60-115-120 | 2.5 | 115 VAC | 120 VAC | 155 | 10 min |
| NGHRS11-2.5K60-115(D)-120 | 2.5 | 115 VAC L-L | 120 VAC | 155 | 10 min |



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