ULTRA-LIGHTWEIGHT RUGGED GALAXYTM SERIES DC-AC INVERTER COMPACT BULKHEAD MOUNT CHASSIS 2 - 5KVA OUTPUT POWER

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DC INPUT AC OUTPUT

270 VDC NOMINAL WIDE RANGE INPUT OPTIONAL SNMP COMMUNICATIONS

WHEN EVERY POUND COUNTS!

APPLICATIONS

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

- Shelters
- □ Tactical Systems
- □ Shipboard power
- Servers
- □ MIL-STD-810
- □ MIL-S-901
- Mobile SystemsGround support
- Submarines

HMMWVs

- MIL-STD-461
- MIL-STD-167

A Leader in DC-AC Inverter Technology since 1966 - 500VA to 500+KVA

MADE IN USA



NOVA ELECTR

AS 9100

www.novaelectric.com

novasales@theallpower.com

BUREAU VERITAS Certification

ULTRA-LIGHTWEIGHT PURE SINEWAVE DC-AC INVERTER MEETS MIL-STD-810, MIL-STD-167, MIL-S-901, MIL-STD-740, & MIL-STD-461

APPLICATIONS

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

OPTIONS

- 400 Hz Output
- High IP Protection for Intake / Exhaust fans (typically IP32)
- AUX DC Outputs
- Ruggedization against high shock, vibration and humidity
- MS connector mates and multiple output outlets
- Chassis Slide Guides
- Electromechanical transfer switch
- Custom Enclosures
- CAD Free Connectors
- Non-PVC wiring
- Rack mounting
- Output Volt & Amp meters
- Output frequency meters
- Elapsed time meter

MODEL

GLH2K60-270

GLH3K60-270

GLH4K60-270

GLH5K60-270

- Shock mounts
- Floor mount feet

ELECTRICAL SPECIFICATIONS

Input Voltage: 270 VDC Nominal, 180-355 VDC Operating Range (other ranges available) Output Voltage: 120, 208, or 230 VAC (specify) Frequency: 50 / 60 / 400 Hz. Available Voltage Regulation: ± 2% NL to FL Frequency Regulation: ± 0.5% NL to FL Harmonic Distortion: 5% THD, 3% typical Input Power Factor: 0.95 or Better @ half-full load (except 3 phase input models) Efficiency at full load: 85% @ full load typical Connections: MS Connector (mates optional)

NOMINAL DIMENSIONS 30"H x 24"W x 12"D

OPTIONAL INDICATORS

Status (Red / Green) Inverter Off (Red) Logic Fault (Red) Over Temperature (Red) Load on Utility (Red) Optional with transfer switch

ENVIRONMENTAL SPECIFICATIONS

UPS Operating Temp.: -20° to +55°C (Extended ranges optional - Consult factory) UPS Storage Temp. Range: -40° to +71°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.

OPTIONAL REMOTE CONTACTS/COMMUNICATIONS

SNMP V1.0 via CAT-5 Connector Major Alarm: Logic Fault, Overtemperature, Overload Minor Alarm: Utility Off RS 232 (Available-Optional) Via DB 9 Connector Alarm Contacts(Available-Optional)

OPTIONAL PROTECTIVE FEATURES

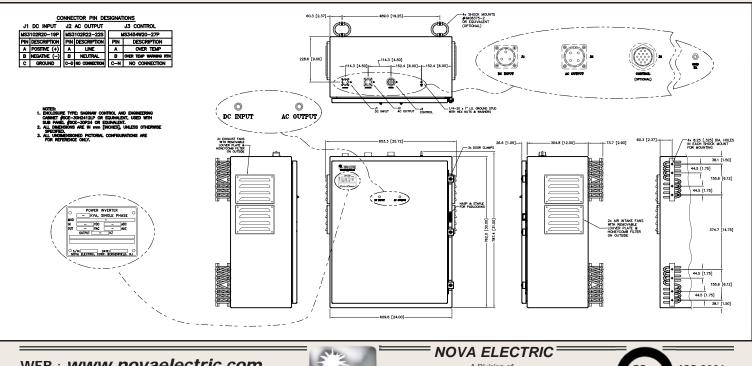
AC Output Circuit Breaker and Audible Alarm with Silence Switch

220 VAC OUTPUT MODELS

PARTIAL MODEL SELECTION

120 VAC OUTPUT MODELS

CONTINUOUS CONTINUOUS OUTPUT OUTPUT OUTPUT OUTPUT OUTPUT VAC WEIGHT LBS. MODEL OUTPUT VAC WEIGHT LBS. FREQUENCY POWER **FREQUENC** POWER 120 VAC 60 Hz 2KVA 150 GLH2K50-270(220) 220 VAC 2KVA 150 50 Hz 120 VAC 3KVA GLH3K50-270(220) 220 VAC 3KVA 150 60 Hz 150 50 Hz 120 VAC 60 Hz 4KVA 150 GLH4K50-270(220) 220 VAC 50 Hz 4K\/A 150 120 VAC 60 Hz 5KVA 150 GLH5K50-270(220) 220 VAC 50 Hz 5KVA 150



WEB : <u>www.novaelectric.com</u> E-Mail : novasales@theallpower.com PHONE : (201) 385-0500 FAX : (201) 385-0702



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

