



NOVA ELECTRIC



POPULAR OPTIONS

- Ruggedization Against Shock, Vibration, And Humidity
- MS Connector Mates
- Chassis Slide Guides
- High IP Protection For Front/ Rear Panels (Typically IP32,) Including Louvers On All Intake And Exhaust, As Well As Fully Gasketed Breakers, Switches, And Indicators.
- Additional EMI Filtering for MIL-STD-461 compliance
- SNMP Comm
- Remote On/Off
- Output Inhibit
- Input and Output Circuit Breakers
- Circuit Breaker Guards
- Rugged Transit Cases And Custom Enclosures
- Environmental Stress Screening Services

CONTACT

100 School Street,
Bergenfield, NJ 07621 USA
(201) 385-0500
novaelectric.com
info@novaelectric.com



NGLRK Series Pure Sine Wave Three-Phase Output Lightweight DC-AC Inverters



5U



3U

The NGLRK inverters are intended for industrial and military applications where DC voltage needs to be converted to 50 Hz, 60 Hz, or 400 Hz 3Ø AC Voltage. These inverters are typically used to reliably power electronic loads such as computers, monitors, printers, communications systems, and radios. They can also be used to power demanding loads such as hand tools, motors, and totally unbalanced 3Ø devices. NGLRK inverters can be ruggedized for military grade shock, vibration, temperature, and humidity requirements, as well as equipped with optional filtering to meet portions of MIL-STD-461 for EMI. Utilizing field proven technology, this series of rugged pure sinewave DC-AC Inverters is suitable for harsh environments such as:

- | | | |
|---------------------|--------------------------|----------------------|
| • Military Shelters | • Mobile Systems | • Communications |
| • Aircraft and UAVs | • Tactical Systems | • Radar Applications |
| • Ground Support | • Shipboard Applications | • Rail Applications |

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Rev C-September-14-2022



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SPECIFICATIONS

Electrical

INPUT VOLTAGE	See Table
OUTPUT VOLTAGE	See Table
OUTPUT FREQUENCY	50 Hz, 60 Hz Or 400 Hz
OVERLOAD	125% For 5 Minutes
OUTPUT WAVEFORM SINEWAVE	<3% THD
OUTPUT REGULATION	± 2.5%
MTBF	Over 100,000 Hours Per Field Data
MTTR	30 Minutes
EMI	Per MIL-STD-461E Or F (Note 1)

Environmental

OPERATING TEMP.	-20°C to +50°C Std -40°C to +60°C Optional
STORAGE TEMP.	-40°C to +85°C
SHOCK	20g / 11 ms Per MIL-STD-810
VIBRATION	Per MIL-STD-810 For Airborne Or Surface Vehicle And MIL-STD-167 Shipboard
HUMIDITY	Per MIL-STD-810 To 95% Non-Condensing

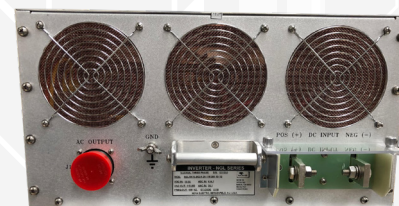
Protective Features

OVERLOAD
OVERVOLTAGE
OVERTEMPERATURE

5U NGLRK SERIES



NGLRK Series Typical Front View



NGLRK Series Typical Back View

3U NGLRK SERIES



NGLRK Series Typical Front View



NGLRK Series Typical Back View

PARTIAL 24 VDC MODEL SELECTION

3 PHASE MODELS	OUTPUT VAC	OUTPUT FREQ. (HZ)	CONT. OUTPUT POWER	APPROX. WEIGHT (LB)	SIZE IN. (HxWxL)
NGLRK3K3/6-24(120/208)	120/208	60	3KVA / 2.4KW	35	5.25" x 19" x 22"
NGLRK3K3/5-24(220/380)	220/380	50	3KVA / 2.4KW	35	5.25" x 19" x 22"
NGLRK3K3/4-24(115/200)	115/200	400	3KVA / 2.4KW	35	5.25" x 19" x 22"
NGLRK4.5K3/6-24(120/208)	120/208	60	4.5KVA / 3.6KW	60	5.25" x 19" x 22"
NGLRK4.5K3/5-24 (220/380)	220/380	50	4.5KVA / 3.6KW	60	5.25" x 19" x 22"
NGLRK4.5K3/4-24(115/200)	115/200	400	4.5KVA / 3.6KW	60	5.25" x 19" x 22"
NGLRK6K3/6-24(120/208)	120/208	60	6KVA / 4.8KW	65	5.25" x 19" x 22"
NGLRK6K3/5-24(220/380)	220/380	50	6KVA / 4.8KW	65	5.25" x 19" x 22"
NGLRK6K3/4-24(115/200)	115/200	400	6KVA / 4.8KW	65	5.25" x 19" x 22"
NGLRK9K3/6-24(120/208)	120/208	60	9KVA / 7.2KW	70	8.75" x 19" x 24"
NGLRK9K3/5-24(220/380)	220/380	50	9KVA / 7.2KW	70	8.75" x 19" x 24"
NGLRK9K3/4-24(115/200)	115/200	400	9KVA / 7.2KW	70	8.75" x 19" x 24"
NGLRK10.5K3/6-24(120/208)	120/208	60	10.5KVA / 8.4KW	74	8.75" x 19" x 24"
NGLRK10.5K3/5-24(220/380)	220/380	50	10.5KVA / 8.4KW	74	8.75" x 19" x 24"
NGLRK10.5K3/4-24(115/200)	115/200	400	10.5KVA / 8.4KW	74	8.75" x 19" x 24"
NGLRK13.5K3/6-24 (120/208)	120/208	60	13.5KVA / 10.2KW	78	8.75" x 19" x 24"
NGLRK13.5K3/5-24 (220/380)	220/380	50	13.5KVA / 10.2KW	78	8.75" x 19" x 24"
NGLRK13.5K3/4-24 (115/200)	115/200	400	13.5KVA / 10.2KW	78	8.75" x 19" x 24"

*Specifications subject to change without notice.

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PARTIAL 36 VDC MODEL SELECTION

3 PHASE MODELS	OUTPUT VAC	OUTPUT FREQ. (HZ)	CONT. OUTPUT POWER	APPROX. WEIGHT (LB)	SIZE IN. (HxWxL)
NGLRK3K3/6-36(120/208)	120/208	60	3KVA / 2.4KW	35	5.25" x 19" x 22"
NGLRK3K3/5-36(220/380)	220/380	50	3KVA / 2.4KW	35	5.25" x 19" x 22"
NGLRK3K3/4-36(115/200)	115/200	400	3KVA / 2.4KW	35	5.25" x 19" x 22"
NGLRK4.5K3/6-36(120/208)	120/208	60	4.5KVA / 3.6KW	60	5.25" x 19" x 22"
NGLRK4.5K3/5-36(220/380)	220/380	50	4.5KVA / 3.6KW	60	5.25" x 19" x 22"
NGLRK4.5K3/4-36(115/200)	115/200	400	4.5KVA / 3.6KW	60	5.25" x 19" x 22"
NGLRK6K3/6-36(120/208)	120/208	60	6KVA / 4.8KW	65	5.25" x 19" x 22"
NGLRK6K3/5-36(220/380)	220/380	50	6KVA / 4.8KW	65	5.25" x 19" x 22"
NGLRK6K3/4-36(115/200)	115/200	400	6KVA / 4.8KW	65	5.25" x 19" x 22"
NGLRK9K3/6-36(120/208)	120/208	60	9KVA / 7.2KW	70	8.75" x 19" x 24"
NGLRK9K3/5-36(220/380)	220/380	50	9KVA / 7.2KW	70	8.75" x 19" x 24"
NGLRK9K3/4-36(115/200)	115/200	400	9KVA / 7.2KW	70	8.75" x 19" x 24"
NGLRK10.5K3/6-36(120/208)	120/208	60	10.5KVA / 8.4KW	74	8.75" x 19" x 24"
NGLRK10.5K3/5-36(220/380)	220/380	50	10.5KVA / 8.4KW	74	8.75" x 19" x 24"
NGLRK10.5K3/4-36(115/200)	115/200	400	10.5KVA / 8.4KW	74	8.75" x 19" x 24"
NGLRK13.5K3/6-36 (120/208)	120/208	60	13.5KVA / 10.2KW	78	8.75" x 19" x 24"
NGLRK13.5K3/5-36 (220/380)	220/380	50	13.5KVA / 10.2KW	78	8.75" x 19" x 24"
NGLRK13.5K3/4-36 (115/200)	115/200	400	13.5KVA / 10.2KW	78	8.75" x 19" x 24"

PARTIAL 48 VDC MODEL SELECTION

3 PHASE MODELS	OUTPUT VAC	OUTPUT FREQ. (HZ)	CONT. OUTPUT POWER	APPROX. WEIGHT (LB)	SIZE IN. (HxWxL)
NGLRK3K3/6-48(120/208)	120/208	60	3KVA / 2.4KW	35	5.25" x 19" x 22"
NGLRK3K3/5-48(220/380)	220/380	50	3KVA / 2.4KW	35	5.25" x 19" x 22"
NGLRK3K3/4-48(115/200)	115/200	400	3KVA / 2.4KW	35	5.25" x 19" x 22"
NGLRK4.5K3/6-48(120/208)	120/208	60	4.5KVA / 3.6KW	60	5.25" x 19" x 22"
NGLRK4.5K3/5-48(220/380)	220/380	50	4.5KVA / 3.6KW	60	5.25" x 19" x 22"
NGLRK4.5K3/4-48(115/200)	115/200	400	4.5KVA / 3.6KW	60	5.25" x 19" x 22"
NGLRK6K3/6-48(120/208)	120/208	60	6KVA / 4.8KW	65	5.25" x 19" x 22"
NGLRK6K3/5-48(220/380)	220/380	50	6KVA / 4.8KW	65	5.25" x 19" x 22"
NGLRK6K3/4-48(115/200)	115/200	400	6KVA / 4.8KW	65	5.25" x 19" x 22"
NGLRK9K3/6-48(120/208)	120/208	60	9KVA / 7.2KW	70	8.75" x 19" x 24"
NGLRK9K3/5-48(220/380)	220/380	50	9KVA / 7.2KW	70	8.75" x 19" x 24"
NGLRK9K3/4-48(115/200)	115/200	400	9KVA / 7.2KW	70	8.75" x 19" x 24"
NGLRK10.5K3/6-48(120/208)	120/208	60	10.5KVA / 8.4KW	74	8.75" x 19" x 24"
NGLRK10.5K3/5-48(220/380)	220/380	50	10.5KVA / 8.4KW	74	8.75" x 19" x 24"
NGLRK10.5K3/4-48(115/200)	115/200	400	10.5KVA / 8.4KW	74	8.75" x 19" x 24"
NGLRK13.5K3/6-48 (120/208)	120/208	60	13.5KVA / 10.2KW	78	8.75" x 19" x 24"
NGLRK13.5K3/5-48 (220/380)	220/380	50	13.5KVA / 10.2KW	78	8.75" x 19" x 24"
NGLRK13.5K3/4-48 (115/200)	115/200	400	13.5KVA / 10.2KW	78	8.75" x 19" x 24"

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PARTIAL 72 VDC MODEL SELECTION

3 PHASE MODELS	OUTPUT VAC	OUTPUT FREQ. (HZ)	CONT. OUTPUT POWER	APPROX. WEIGHT (LB)	SIZE IN. (HxWxL)
NGLRK3K3/6-72(120/208)	120/208	60	3KVA / 2.4KW	35	5.25" x 19" x 22"
NGLRK3K3/5-72(220/380)	220/380	50	3KVA / 2.4KW	35	5.25" x 19" x 22"
NGLRK3K3/4-72(115/200)	115/200	400	3KVA / 2.4KW	35	5.25" x 19" x 22"
NGLRK4.5K3/6-72(120/208)	120/208	60	4.5KVA / 3.6KW	60	5.25" x 19" x 22"
NGLRK4.5K3/5-72(220/380)	220/380	50	4.5KVA / 3.6KW	60	5.25" x 19" x 22"
NGLRK4.5K3/4-72(115/200)	115/200	400	4.5KVA / 3.6KW	60	5.25" x 19" x 22"
NGLRK6K3/6-72(120/208)	120/208	60	6KVA / 4.8KW	65	5.25" x 19" x 22"
NGLRK6K3/5-72(220/380)	220/380	50	6KVA / 4.8KW	65	5.25" x 19" x 22"
NGLRK6K3/4-72(115/200)	115/200	400	6KVA / 4.8KW	65	5.25" x 19" x 22"
NGLRK9K3/6-72(120/208)	120/208	60	9KVA / 7.2KW	70	8.75" x 19" x 24"
NGLRK9K3/5-72(220/380)	220/380	50	9KVA / 7.2KW	70	8.75" x 19" x 24"
NGLRK9K3/4-72(115/200)	115/200	400	9KVA / 7.2KW	70	8.75" x 19" x 24"
NGLRK10.5K3/6-72(120/208)	120/208	60	10.5KVA / 8.4KW	74	8.75" x 19" x 24"
NGLRK10.5K3/5-72(220/380)	220/380	50	10.5KVA / 8.4KW	74	8.75" x 19" x 24"
NGLRK10.5K3/4-72(115/200)	115/200	400	10.5KVA / 8.4KW	74	8.75" x 19" x 24"
NGLRK13.5K3/6-72(120/208)	120/208	60	13.5KVA / 10.2KW	78	8.75" x 19" x 24"
NGLRK13.5K3/5-72(220/380)	220/380	50	13.5KVA / 10.2KW	78	8.75" x 19" x 24"
NGLRK13.5K3/4-72(115/200)	115/200	400	13.5KVA / 10.2KW	78	8.75" x 19" x 24"

PARTIAL 120 VDC MODEL SELECTION

3 PHASE MODELS	OUTPUT VAC	OUTPUT FREQ. (HZ)	CONT. OUTPUT POWER	APPROX. WEIGHT (LB)	SIZE IN. (HxWxL)
NGLRK3K3/6-120(120/208)	120/208	60	3KVA	35	5.25" x 19" x 22"
NGLRK3K3/5-120(220/380)	220/380	50	3KVA	35	5.25" x 19" x 22"
NGLRK3K3/4-120(115/200)	115/200	400	3KVA	35	5.25" x 19" x 22"
NGLRK4.5K3/6-120(120/208)	120/208	60	4.5KVA	60	5.25" x 19" x 22"
NGLRK4.5K3/5-120(220/380)	220/380	50	4.5KVA	60	5.25" x 19" x 22"
NGLRK4.5K3/4-120(115/200)	115/200	400	4.5KVA	60	5.25" x 19" x 22"
NGLRK6K3/6-120(120/208)	120/208	60	6KVA	65	5.25" x 19" x 22"
NGLRK6K3/5-120(220/380)	220/380	50	6KVA	65	5.25" x 19" x 22"
NGLRK6K3/4-120(115/200)	115/200	400	6KVA	65	5.25" x 19" x 22"
NGLRK9K3/6-120(120/208)	120/208	60	9KVA	70	8.75" x 19" x 24"
NGLRK9K3/5-120(220/380)	220/380	50	9KVA	70	8.75" x 19" x 24"
NGLRK9K3/4-120(115/200)	115/200	400	9KVA	70	8.75" x 19" x 24"
NGLRK10.5K3/6-120(120/208)	120/208	60	10.5KVA	74	8.75" x 19" x 24"
NGLRK10.5K3/5-120(220/380)	220/380	50	10.5KVA	74	8.75" x 19" x 24"
NGLRK10.5K3/4-120(115/200)	115/200	400	10.5KVA	74	8.75" x 19" x 24"
NGLRK13.5K3/6-120(120/208)	120/208	60	13.5KVA / 10.2KW	78	8.75" x 19" x 24"
NGLRK13.5K3/5-120(220/380)	220/380	50	13.5KVA / 10.2KW	78	8.75" x 19" x 24"
NGLRK13.5K3/4-120(115/200)	115/200	400	13.5KVA / 10.2KW	78	8.75" x 19" x 24"

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PARTIAL 155 VDC MODEL SELECTION

3 PHASE MODELS	OUTPUT VAC	OUTPUT FREQ. (HZ)	CONT. OUTPUT POWER	APPROX. WEIGHT (LB)	SIZE IN. (HxWxL)
NGLRK3K3/6-155(120/208)	120/208	60	3KVA / 2.4KW	35	5.25" x 19" x 22"
NGLRK3K3/5-155(220/380)	220/380	50	3KVA / 2.4KW	35	5.25" x 19" x 22"
NGLRK3K3/4-155(115/200)	115/200	400	3KVA / 2.4KW	35	5.25" x 19" x 22"
NGLRK4.5K3/6-155(120/208)	120/208	60	4.5KVA / 3.6KW	60	5.25" x 19" x 22"
NGLRK4.5K3/5-155(220/380)	220/380	50	4.5KVA / 3.6KW	60	5.25" x 19" x 22"
NGLRK4.5K3/4-155(115/200)	115/200	400	4.5KVA / 3.6KW	60	5.25" x 19" x 22"
NGLRK6K3/6-155(120/208)	120/208	60	6KVA / 4.8KW	65	5.25" x 19" x 22"
NGLRK6K3/5-155(220/380)	220/380	50	6KVA / 4.8KW	65	5.25" x 19" x 22"
NGLRK6K3/4-155(115/200)	115/200	400	6KVA / 4.8KW	65	5.25" x 19" x 22"
NGLRK9K3/6-155(120/208)	120/208	60	9KVA / 7.2KW	70	8.75" x 19" x 24"
NGLRK9K3/5-155(220/380)	220/380	50	9KVA / 7.2KW	70	8.75" x 19" x 24"
NGLRK9K3/4-155(115/200)	115/200	400	9KVA / 7.2KW	70	8.75" x 19" x 24"
NGL10.5K3/6-155 (120/208)	120/208	60	10.5KVA / 8.4KW	74	8.75" x 19" x 24"
NGL10.5K3/5-155 (220/380)	220/380	50	10.5KVA / 8.4KW	74	8.75" x 19" x 24"
NGL10.5K3/4-155 (115/200)	115/200	400	10.5KVA / 8.4KW	74	8.75" x 19" x 24"
NGLRK13.5K3/6-155 (120/208)	120/208	60	13.5KVA / 10.2KW	78	8.75" x 19" x 24"
NGLRK13.5K3/5-155 (220/380)	220/380	50	13.5KVA / 10.2KW	78	8.75" x 19" x 24"
NGLRK13.5K3/4-155 (115/200)	115/200	400	13.5KVA / 10.2KW	78	8.75" x 19" x 24"

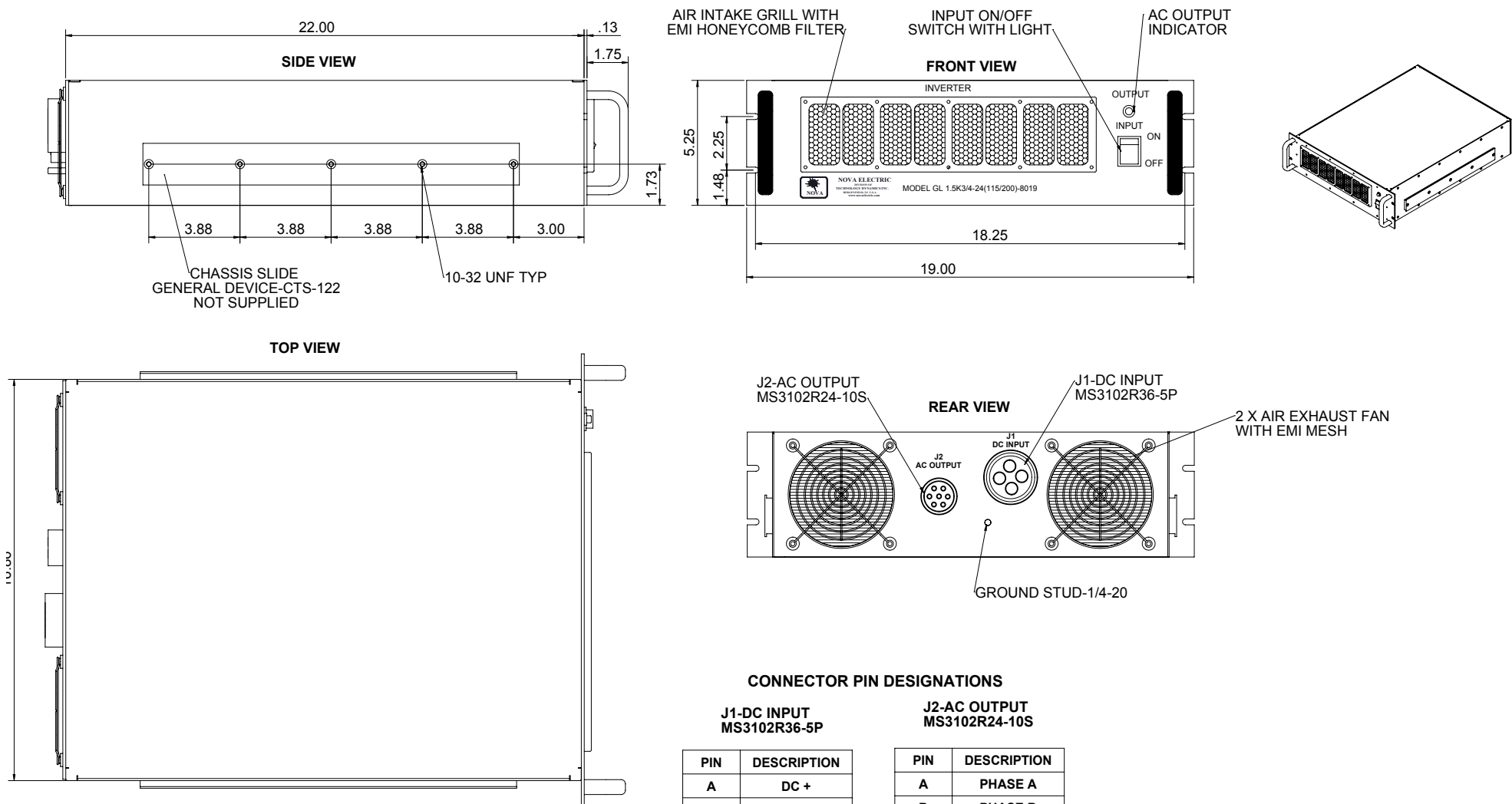
PARTIAL 270 VDC MODEL SELECTION

3 PHASE MODELS	OUTPUT VAC	OUTPUT FREQ. (HZ)	CONT. OUTPUT POWER	APPROX. WEIGHT (LB)	SIZE IN. (HxWxL)
NGLRK3K3/6-270(120/208)	120/208	60	3KVA / 2.4KW	35	5.25" x 19" x 22"
NGLRK3K3/5-270(220/380)	220/380	50	3KVA / 2.4KW	35	5.25" x 19" x 22"
NGLRK3K3/4-270(115/200)	115/200	400	3KVA / 2.4KW	35	5.25" x 19" x 22"
NGLRK4.5K3/6-270(120/208)	120/208	60	4.5KVA / 3.6KW	60	5.25" x 19" x 22"
NGLRK4.5K3/5-270(220/380)	220/380	50	4.5KVA / 3.6KW	60	5.25" x 19" x 22"
NGLRK4.5K3/4-270(115/200)	115/200	400	4.5KVA / 3.6KW	60	5.25" x 19" x 22"
NGLRK6K3/6-270(120/208)	120/208	60	6KVA / 4.8KW	65	5.25" x 19" x 22"
NGLRK6K3/5-270(220/380)	220/380	50	6KVA / 4.8KW	65	5.25" x 19" x 22"
NGLRK6K3/4-270(115/200)	115/200	400	6KVA / 4.8KW	65	5.25" x 19" x 22"
NGLRK9K3/6-270(120/208)	120/208	60	9KVA / 7.2KW	70	8.75" x 19" x 24"
NGLRK9K3/5-270(220/380)	220/380	50	9KVA / 7.2KW	70	8.75" x 19" x 24"
NGLRK9K3/4-270(115/200)	115/200	400	9KVA / 7.2KW	70	8.75" x 19" x 24"
NGLRK10.5K3/6-270(120/208)	120/208	60	10.5KVA / 8.4KW	74	8.75" x 19" x 24"
NGLRK10.5K3/5-270(220/380)	220/380	50	10.5KVA / 8.4KW	74	8.75" x 19" x 24"
NGLRK10.5K3/4-270(115/200)	115/200	400	10.5KVA / 8.4KW	74	8.75" x 19" x 24"
NGLRK13.5K3/6-270 (120/208)	120/208	60	13.5KVA / 10.2KW	78	8.75" x 19" x 24"
NGLRK13.5K3/5-270 (220/380)	220/380	50	13.5KVA / 10.2KW	78	8.75" x 19" x 24"
NGLRK13.5K3/4-270 (115/200)	115/200	400	13.5KVA / 10.2KW	78	8.75" x 19" x 24"

*Specifications subject to change without notice.

The Leader In Rugged Power Conversion Technology Since 1966

TYPICAL 3U NGLRK SERIES PURE SINE WAVE LIGHTWEIGHT THREE-PHASE OUTPUT DC-AC INVERTERS OUTLINE DRAWING



NOTES:

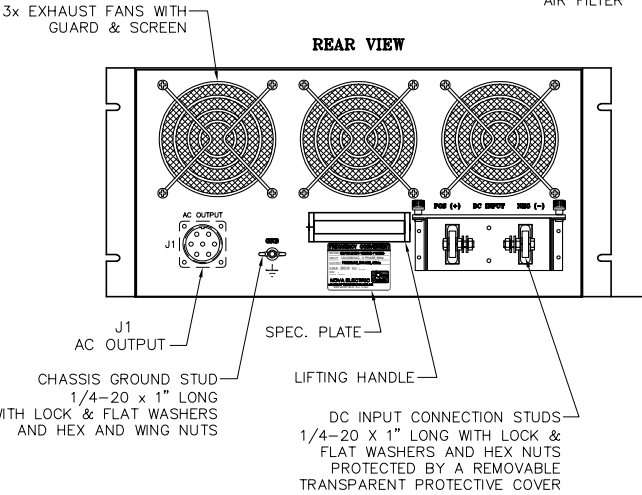
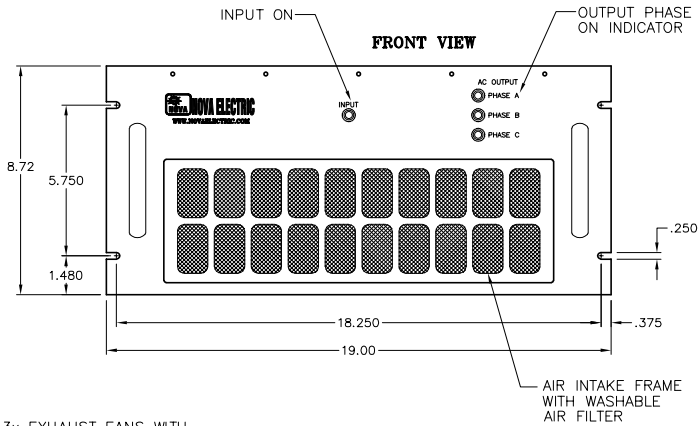
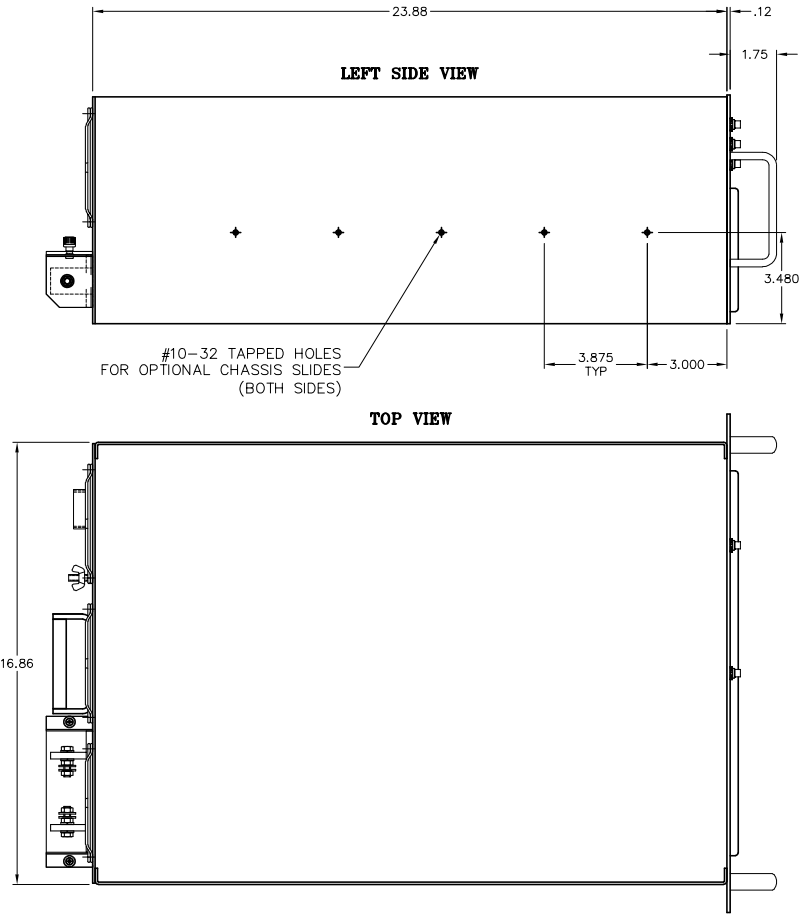
1. ALL DIMENSIONS ARE IN INCHES
2. FRONT PANEL COLOR ANSI #61 GRAY SEMI-GLOSS
ALL OTHER SURFACES ARE IRRIDITED

CONNECTOR PIN DESIGNATIONS

J1-DC INPUT MS3102R36-5P		J2-AC OUTPUT MS3102R24-10S	
PIN	DESCRIPTION	PIN	DESCRIPTION
A	DC +	A	PHASE A
B	DC +	B	PHASE B
C	DC -	C	PHASE C
D	DC -	D	NEUTRAL
		E	GROUND



TYPICAL 5U NGLRK SERIES PURE SINE WAVE LIGHTWEIGHT THREE-PHASE OUTPUT DC-AC INVERTERS OUTLINE DRAWING



CONNECTOR PIN DESIGNATION

(TYPICAL)
J1 AC OUTPUT

MS3102R24-10S	
MATE: MS3106E24-10P	
PIN	DESCRIPTION
A	PHASE A
B	PHASE B
C	PHASE C
D	NEUTRAL
E	GROUND
F	NOT USED
G	NOT USED

NOTES:

1. ALL DIMENSIONS ARE IN INCHES, UNLESS OTHERWISE SPECIFIED.
2. ALL UN-DIMENSIONED PICTORIAL CONFIGURATIONS ARE FOR REFERENCE ONLY.
3. FRONT, REAR, AND TOP MARKINGS FOR REFERENCE ONLY.
4. FRONT PANEL PAINTED - ANSI #61 GRAY SEMI-GLOSS.
ALL OTHER SURFACES ARE IRRIDITED ALUMINUM.
5. FRONT PANEL SILK-SCREENED IN BLACK EPOXY INK.
6. INPUT MS CONNECTOR AVAILABLE OPTIONALLY ON SELECT MODELS - CONSULT FACTORY FOR DETAILS.





RUGGED AC POWER SYSTEMS



SELECT UNITS QUALIFIED TO MIL-STD-810, MIL-S-901, MIL-STD-1399, MIL-STD-461, MIL-STD-167, MIL-STD-740, RTCA/DO-160, AND MORE

RUGGED TRUE ONLINE UPS



500 W – 500+ KW

Rack Mount, Bulkhead Mount, and Freestanding

Single and Three Phase

50, 60, and 400 Hz.

PURE SINEWAVE DC-AC INVERTERS



100 W – 500+ KW

Rack Mount, Bulkhead Mount, and Freestanding

Single and Three Phase

50, 60, and 400 Hz.

SOLID-STATE FREQUENCY CONVERTERS



100 W – 500+ KW

Rack Mount, Bulkhead Mount, and Freestanding

Single and Three Phase

50, 60, and 400 Hz.

POWER DISTRIBUTION UNITS (PDUs)



Basic, Switched, Auto-Transfer Switching, and Metered Configurations

Rack Mount, Bulkhead Mount, and Freestanding

Single and Three Phase

CUSTOM EMI FILTERS



For MIL-STD-461 Compliance

Rack Mount, Bulkhead Mount, and Freestanding

Single and Three Phase

RUGGED PORTABLE TRANSFORMERS



100 W – 500+ KW

Rack Mount, Bulkhead Mount, and Freestanding

Single and Three Phase

EXTERNAL MAINTENANCE BYPASS SWITCHES (MBSSs)



Rack Mount, Bulkhead Mount, and Freestanding

Single and Three Phase

CUSTOM DESIGNS



Designed & Built to Spec

Integrated AC & DC Capabilities

Multiple Outputs

RELIABLE AC POWER WHEN AND WHERE YOU NEED IT SEVERE ENVIRONMENT PRODUCTS



- AIRBORNE
- SHIPBOARD
- MOBILE
- RACK MOUNT & FREESTANDING

- 50, 60, AND 400 Hz
- AIR & WATER COOLED
- SINGLE AND THREE PHASE
- LIGHTWEIGHT DESIGNS

