

MILITARY SERIES POWER INVERTER SPECIFICATIONS

NSN 6130-01-492-3067

CAGE CODE 00MC3

The 3 phase inverter consists of 3 Master Modules which generate 1000 Watts of power for each phase and the control signals to drive an extra power module on each phase for a total power of 6000 Watts or 2000 Watts per phase. The system also may include an alarm card which provides the status of the inverter system.

Features:

- 6KW 3 Phase 208Vac
- The Alarm Card displays: Inverter ON, Inverter Fail, High Temperature, Low DC Voltage.
- Compact, Lightweight, Only 55 Pounds



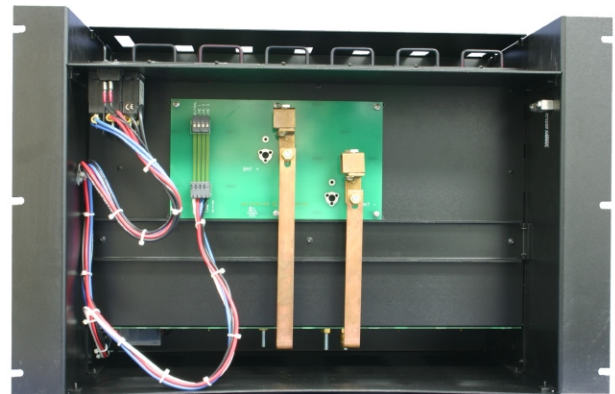
Front View



Front View without Front Cover



Rear View



**Bottom View
Customer Connections**

Give us the opportunity to help solve your power problem.



OUTPUT POWER

CONTINUOUS POWER	SURGE POWER (3 seconds)	NO LOAD POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	WEIGHT LBS.
6000W	13,200W	120W	117/208 +/-6%	51.6	55

2KW per PHASE

INPUT

MODEL VOLTAGE	MINIMUM (TYPICAL)	SYSTEM (TYPICAL)	MAXIMUM (TYPICAL)	TYPICAL EFFICIENCY @ FULL POWER	PEAK EFFICIENCY @ 1/3 POWER
24V	19/21V*	27.6V	34V	87%	89%

*indicates typical cut-off voltage/warning buzzer voltage

PROTECTION CIRCUITRY

Over Voltage:	Shutoff at maximum input voltage, per input conditions.
Under Voltage:	Shutoff at minimum input voltage, per input conditions.
Thermal:	105 C internal temperature. Warning buzz 5 C before shutoff.
Output Short:	Unit shuts off: electronically limited.

ENVIRONMENTAL

Temperature:	-25 to 40 C full power, derate 20% per 10 C. Above 25 C.
Humidity:	5 to 95% non-condensing
Audible Noise:	Less than 45dbA
Cooling:	Thermostatically controlled variable speed forced air
Finish:	Polyurethane base paint
Warranty:	Full year parts and labor.

GENERAL

CONDITIONS	MINIMUM	TYPICAL	MAXIMUM
WAVEFORM	-	SINUSOIDAL	-
LINE REGULATION	-	.1%	.5%
LOAD REGULATION	-	.3%	.5%
DISTORTION	-	1.5%	2%
FREQUENCY*	-.1%	NOMINAL	+.1%

50, 60, 400Hz nominal

See www.exeltech.com for more data regarding MX Series inverters.

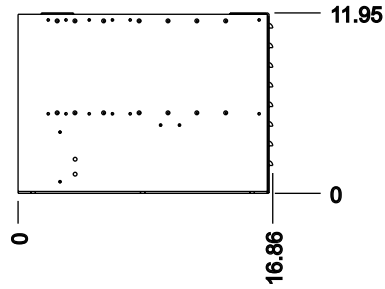
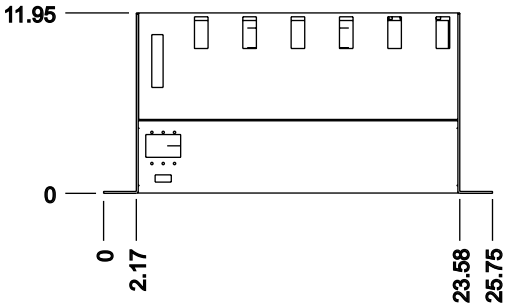
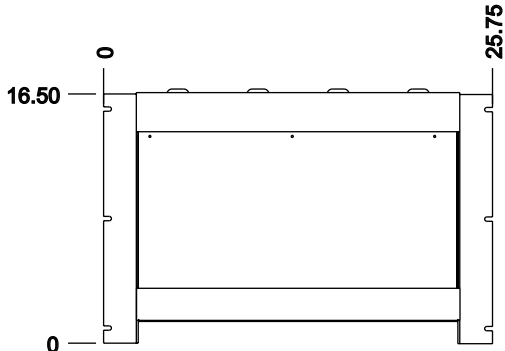
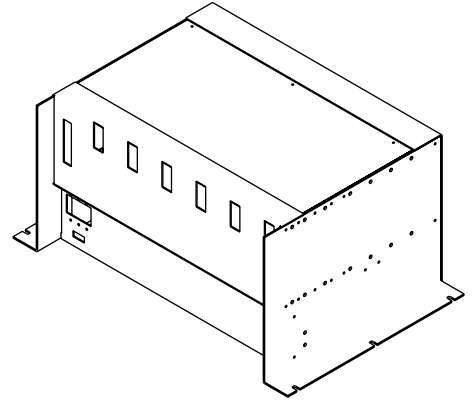
MECHANICAL

Case size available:	7" high X 15" deep.
23 inch Wide:	(includes hardware for rack or shelf mounting)
Weight:	55 lbs.



7317 Jack Newell Blvd North
Fort Worth, Texas 76118-7100
817.595.4969 voice, 817.595.1290 fax
800.886.4683 toll free
website www.exeltech.com

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APPROVALS			
DRAWN	MC	DATE 2/06/06	
CHECKED		<div>6KW MILITARY INVERTER</div>	
RESP ENG			
MFG ENG		SIZE DWG. NO. A 2FA13-3M3P26M11	
QUAL ENG			
		SCALE	CAD FILE
		SHEET 1 OF 1	