MI SERIES POWER INVERTERS

- **ULTRA LIGHTWEIGHT**
- **AVAILABLE IN 120, 240 OR 208VAC OUTPUT**
- **12, 24, 48, AND 66VDC INPUT**
- **WEATHER RESISTANT**
- **METERING**
- **2KW, 4KW OR 6KW OUTPUT**

CAGE CODE 00MC3
NSN 6130-01-492-3067 * 6KW system

POWER INVERTER SPECIFICATIONS

OUTPUT POWER

CONTINUOUS POWER	SURGE POWER	NO LOAD POWER	OUTPUT VOLTAGE	OUTPUT CURRENT per KW	WEIGHT LBS.
4000W	8000W	24W	1 or 2	8.3 A	32
6000W	12000W	35W	1 or 3	8.3 A	42

1 Single phase 120Vac +/- 2%
2 Bi-phase 120/240Vac +/- 2%
3 3 phase 120/208Vac +/- 2%

INPUT

MODEL VOLTAGE	MINIMUM (TYPICAL)	SYSTEM (TYPICAL)	MAXIMUM (TYPICAL)	TYPICAL EFFICIENCY @ FULL POWER	PEAK EFFICIENCY @ 1/2 POWER
24V	21V	27.6V	30V	> 88%	> 90%
48V	42V	55.2V	60V	> 88%	> 90%
66V	57.8V	75.9V	82.5V	> 88%	> 90%

GENERAL

CONDITIONS	MINIMUM	TYPICAL	MAXIMUM
WAVEFORM	-	SINUSOIDAL	-
LINE REGULATION	-	.1%	2%
LOAD REGULATION	-	.3%	2%
DISTORTION	-	1.5%	2%
FREQUENCY*	-.1%	60Hz	+.1%

*50, 60, 400Hz nominal

PROTECTION CIRCUITRY

Over Voltage:	Shutoff at maximum input voltage, per input conditions.
Under Voltage:	Shutoff at minimum input voltage, per input table
Thermal:	Shuts off due to over temperature condition.
Output Short:	Unit shuts off: electronically limited. Manual reset required.

ENVIRONMENTAL

Temperature:	-25°C to +25°C full power, derated -17% @ 50°C then 20% per 10°C above 50°C.
Humidity:	5 to 95% non-condensing
Cooling:	Thermostatically controlled variable speed forced air
Finish:	Powder coated
Warranty:	Two years parts and labor.

MECHANICAL

Case size:
4KW
10 inches High
11 inches Deep
18 inches Wide
Weight: 32 lbs.
6KW
10 inches High
14 inches Deep
21 inches Wide
Weight: 42 lbs.