

## MILITARY APPLICATION Power Inverter *Environmentally Friendly, Quiet, Reliable, AC Power*

**Cage Code: OCCB0**

<b>Output Voltage (VAC)</b>	120/240 ±5%
<b>Output Frequency:</b>	60 Hz ± 0.05%
<b>Output Waveform:</b>	Pure sine wave, less than 5% THD
<b>Input Voltage: (VDC)</b>	22 to 30
<b>Operating Temp.</b>	-37° to 55° C (-35° to 131° F)
<b>Efficiency:</b>	Up to 88%



**MIL-24DM50DN**

### Other Design Features:

- NATO input receptacle
- Pin & sleeve output connector
- Thermally controlled cooling fan
- Will withstand vibrating environment
- Water resistant enclosure
- Optional water fording capability
- Heavy duty conformal coating on circuit boards
- LED indication of Inverter power, Low input voltage, Overload, and High temperature
- Optional NEMA connector distribution box with circuit breakers

### Unit Protection:

- Automatic electronic short circuit/overload protection
- Automatic high temperature shutdown

### Battery Protection:

- Automatic low battery shutdown at 21 VDC (with 5 second delay)

MODEL NUMBER	MIL-24XM15N	MIL-24FM30N	MIL-24DM50DN	MIL-24BM100DN
<b>Output Power</b> (Watts Cont. @ 50°C/122°F)	<b>1500</b>	<b>3000</b>	<b>5000</b>	<b>10,000</b>
<b>Output Voltage</b> (Volts AC)	120	120	120/240	120/240
<b>Output Current</b> (Amps AC)	Up to 12 @120 VAC	Up to 25 @120 VAC	Up to 21 @240 VAC	Up to 42 @ 240 VAC
<b>Peak Output</b> (Amps AC)	40	75	120	250
<b>Output Rating</b> (Hp)	½	1½	2½	5
<b>Input Current</b> (Amps DC)	Up to 75	Up to 150	Up to 250	Up to 500
<b>Weight</b> (lbs.)	52	81	134	241
<b>Dimensions (LxWxH)</b> (in.)	15x17x7	17x18½x10½	20x19½x13¼	22x22x17

**Usage:** Any 120 or 240 VAC, 60 Hz, single phase equipment within the inverter's power rating.

**Warranty:** Full year parts and factory labor

*Specifications are subject to change without notice.*



ISO 9001:2000 Registered  
Cert. #A0000522-2