



DIMENSIONS™ | 24VDC In, 1,500W to 5,000W Out

Single Phase, Pure Sine DC to AC Power Inverters

Markets & Applications

- Recommended for 24VDC military applications requiring mobile AC power in a high dust, water intrusive, vibrating environment.

Features & Highlights

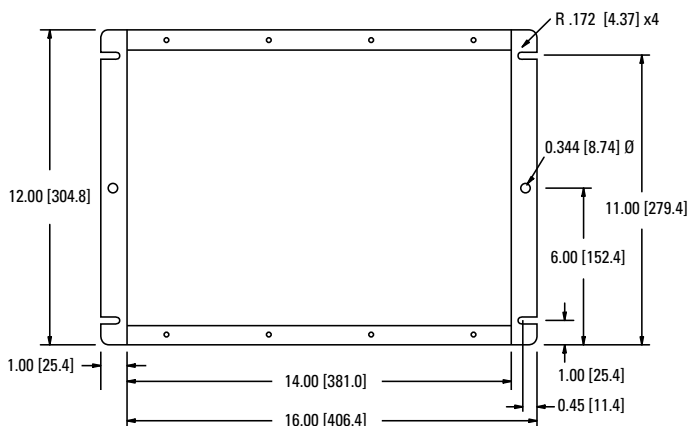
- Cage code: 55YR1
- Pure sine wave, <5% THD typical
- Output: 1500W to 5000W, 120VAC $\pm 5\%$, 60Hz $\pm 0.05\%$
- Operating Temperature: -37°C to 50°C (-35°F to 122°F)
- Heavy-duty conformal coating on circuit boards
- Thermally-controlled cooling fan
- NATO DC input receptacle
- Optional water fording capability
- Automatic electronic short circuit/overload protection
- Automatic high temperature shutdown
- Automatic low battery shutdown at 21 VDC (with in-rush delay)
- ISO 9001:2008 registered, certificate # A0000522-5

INVERTER SPECIFICATIONS

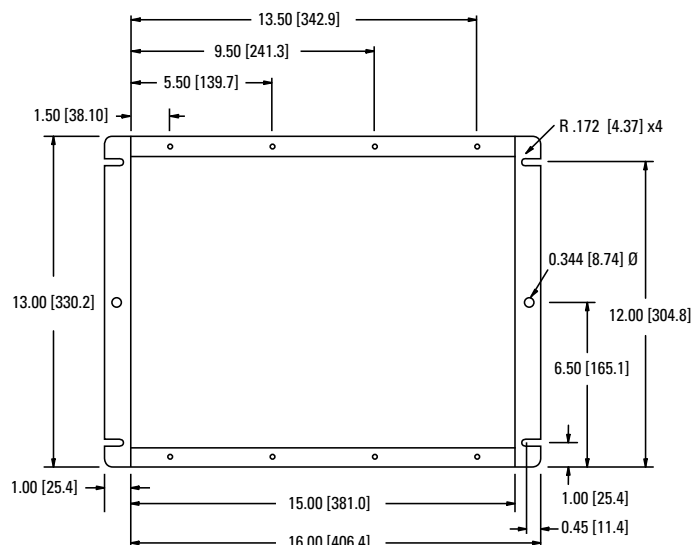
MODEL NUMBER	MIL-24XM15N	MIL-24FM30N	MIL-24DM50DN
NSN	—	—	6130-01-582-3049
Output Power (Watts Cont.)	1,500	3,000	5,000
Output Voltage (Volts AC)	120	120	120 / 240
Output Current (Amps AC)	Up to 12 @ 120VAC	Up to 25 @ 120VAC	Up to 21 @ 240VAC
Peak Output (Amps AC)	40	75	120
Output Rating (hp)	0.5	1.5	2.5
Input Current (Amps DC)	Up to 75	Up to 150	Up to 250
Input Voltage (Volts DC)	22 to 30	22 to 30	22 to 30
Weight (lbs)	52	81	134
Dimensions (LxWxH, inches)	15 x 17 x 7	17 x 18.5 x 8.35 17 x 18.5 x 10.5 (w/ handles)	20 x 19.5 x 10.60 20 x 19.5 x 13.25 (w/handles)

Footprint Dimensional Drawings, inches [mm] :

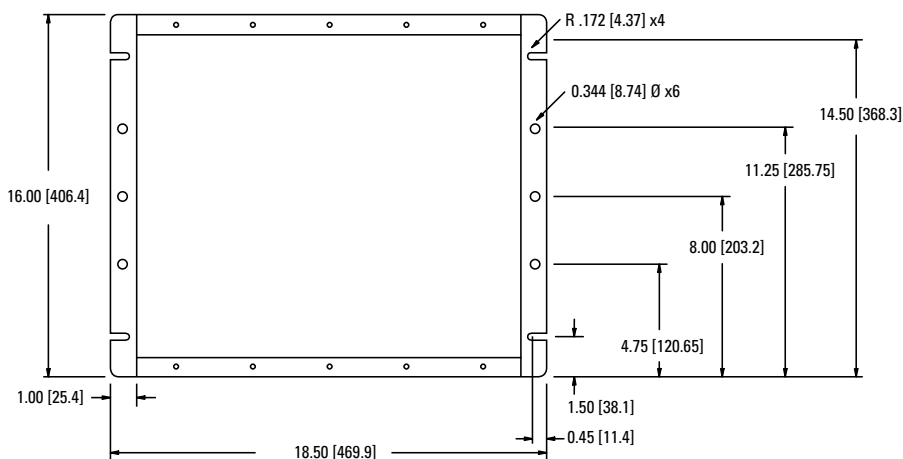
MIL-24XM15N



MIL-24FM30N



MIL-24DM50DN



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