



Boating Supply and Outdoor Gear

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Newmar 48-2000RM Rack Mount 1600 W, 50Amp, 40-60 VDC Input 120VAC Output Inverter

Availability: Usually ships the next business day

Brand New with Factory Warranty

Newmar 48-2000RM Rack Mount 1600 W, 50Amp, 40-60 VDC Input 120VAC Output Inverter

s482000rm List Price: \$US 4,599.00 **Our Price: \$US 3,899.00**



These inverters provide seamless back-up power for AC powered communications equipment from the site's 48 or 24 VDC battery system. A fast-acting transfer switch ensures voice and data transmissions remain uninterrupted in the event of a power grid failure or if the site utility power is disconnected for maintenance and upgrade purposes. Built in a 2RU case adaptable for 19" and 23" rack installations.

Features

- Pure sine wave AC output powers telecom equipment without performance degradation
- Continuous duty rated – full output wattage maintained even during extended power outages
- 1000 VA and 2000 VA models available – easily cascaded for N+1 redundancy, providing maximum reliability required by data centers
- Low EMI and RFI interference characteristics
- User-friendly Status and Diagnostic LCD/LED displays
- Utility bypass function with fast load transfer switch
- Remote Power Management optional via RS-232 port
- Optional SNMP card
- Numerous circuit and load protections – over-current, over- temp, overload, reverse polarity, high/low battery voltage
- Form C alarm contacts for monitoring AC "Fault" and "DC Abnormal" conditions
- Adapts for 19" or 23" racks; occupies only 2 RU (3.5")
- UL and cUL listed

Specifications

Model	DC Input		AC Output	
	Voltage	Amps	KVA	Watts
48-1000RM	40-60	25	1 KVA	800

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48-2000RM	40-60	50	2 KVA	1600
24-1000RM	20-30	50	1 KVA	800
125-1000RM	100-150	10	1 KVA	800
125-2000RM	100-150	20	2 KVA	1600
48-1000IRM*	40-60	25	1 KVA	800
48-2000IRM*	40-60	50	2 KVA	1600

* I series models use IEC type AC output connector

AC Characteristics

Voltage: 100/110/115/120 VAC (selectable using RS-232 port and additional software);

Factory set at 115 VAC

Frequency: 60 Hz. Standard, 50 Hz. Optional

Regulation: +/- 2%

Wave Form: Pure Sine

Outlets Rear Panel:

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Total Harmonic Distortion: 6% 120V/100% linear load 4% 120V/100% SPS load

Transfer Time: <4 ms.

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Marine Supply Specialist, USA - WMJ Marine Corporation

Displays

Copy Right: WMJ Marine Corporation 2004-2020

LED: Inverter On, Overload, DC Abnormal, Fault

LCD: Inverter On, Output Voltage and Frequency, Input Voltage, Load Percentage, DC

Voltage, System Model,

Internal Environment Temperature, Utility Status, Short Circuit, Over Temperature

Operating Temperature: 0° to 45° C

Cooling: Forced air, front-to-back

Humidity: 0-90% relative humidity

Acoustic Noise: 46 dBA @ 1 M

Alarms

Form C (Dry Contact) terminals (two sets – “DC ABNORMAL” and “FAULT”)

Communication Interface

RS-232 port, serial cable included

Protection Features

DC Input Fuse and Breaker, AC Input Breaker, Output Breaker, Short Circuit, Overload, Over Temperature, Over/Under Output Voltage, Over/Under Input Voltage, Fan Failure Detection

Mechanical

Dimensions: 17.4”W x 3.5”H x 11.6”D

Mounting: 19” or 23” Rack

Weight: 24-1000RM and 48-1000RM – 15.4 Lbs., 48-2000RM – 17.6 Lbs.

Options

Remote monitor via RS 232 port. SNMP card required.

EMC & Safety Standards

FCC CFR Title 47 Part 15 subpart B:2005 class B,

CISPR 22: 2005 CE Marked

En55022: 1998+A1:2000+A2:2003 Class B, En55024:1997+A1:2001+A2:2003 Class B

En61000-3-2: 2006 Class A, EN 61000-3-3:1995+A1:2001

FCC Class B, UL60950-1, CAN/CSA-C22.2 No.60950-1 & TUV EN60950-1

Rear Panel View

[Download Data Sheet \(PDF\)](#)

[Download Manual \(PDF\)](#)

****The price is subject to change at anytime without any notice. We are not responsible for any typographical errors. Any products can be cancelled from sale at any time.**

**** All Products sold here are Brand New unless specified Otherwise and come with Full Manufacturer's Warranty**

⚠️WARNING: This product can expose you to chemicals including Di-n-hexyl Phthalate (DnHP) which is known to the State of California to cause reproductive harm, and Vinyl Chloride which is known to the State of California to cause cancer. For more information go to P65Warnings.ca.gov.

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Customer Rating



Top Rated

We offer online shipment tracking



FedEx



4.5 ★★★★★

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