

Magnum MS2024 Pure Sine Inverter/Charger



Price: CAD \$2,890.00

SKU: MDMS2024

Product Categories: [Inverters](#), [Off-Grid : Inverter/Chargers <3kW](#), [Shop](#)

Product Tags: [#10 pv wire canada](#), [2000](#), [2000w](#), [24V](#), [2KW](#), [charger](#), [inverter](#), [inverter charger](#), [magnum](#), [magnum ms2024](#), [ms2024](#), [ms2024 canada](#), [sine](#)

Product Page:

<https://www.modernoutpost.com/product/magnum-ms2024-pure-sine-inverter-charger/>

Product Summary

Magnum MS2024 Pure Sine Inverter. 2,000W, 24V, 60A PFC Charger.

Product Description

The Magnum MS2024 pure sine Inverter/Charger is an inverter designed specifically for the most demanding mobile, backup, and off-grid applications. The MS Series Inverter/Charger is powerful, easy-to-use, and best of all, cost effective.

Power Factor Corrected (PFC) Charger:

Our PFC charger is built into all of our inverter/chargers. It uses less energy from a generator than a standard charger – using 25-30% less AC current than standard chargers.

Safe and reliable:

The MS2000, MS2012, MS2812, and MS4024 are ETL Listed to the stringent requirements of UL/cUL 458 for mobile use and the MS2012, MS2812, and MS4024 are ETL Listed UL 1741 and CSA C22.2 #107.1-01 for renewable energy installations. All models also meet KKK-A-1822E standards for emergency vehicle use.

Easy-to-install:

Install the MS Series in four easy steps: simply connect the inverter's output to your distribution circuits or electrical panel, connect your utility power cable to the inverter's easy-to-reach terminal block, connect the batteries, and switch on the power.

MS2024 Specifications...

Output Power

2,000W

Peak Watts

2,850W

Warranty

3

Output Voltage

120 VAC

Output Peak

75amps

Output Current

17amps

Output Waveform

Pure Sine

Output Frequency

60 Hz

Input Voltage

24

Continuous Output Amps

17amps

Operating Temp

-20° C to +60° C (-4° F to 140° F)

Efficiency

86%

Weight

41

Dimensions

13.75" x 12.65" x 8.0" (34.9 cm x 32.1 cm x 20.3 cm)

UL Certified

Yes

Phase

Single

Topology

Low Frequency

Input Battery Voltage Range

18-34

MS2024 Downloads...

[Download Owners Manual](#) [Download Spec Sheet](#)

Using the MS2024 for Back-Up...

The MS2024 inverter/charger is a great choice for small home stand-by back-up systems. Any loads, like pumps, emergency light circuits, or security systems, are wired to an "essential loads" breaker panel that is connected to the output of the inverter. This "essential loads" panel is simply a sub-panel to your main electrical panel that holds any circuits that you want to have back-up in case of a power outage.

While the grid is available, the inverter/charger keeps your back-up battery bank, perhaps comprised of as few as 4 or as many as 12 deep cycle T105 or GC225 "Golf Cart" batteries, fully charged, healthy, and ready to go. Power also flows through to all loads connected to the essential loads panel.

When the grid goes down, the inverter switches in the blink of an eye to power the essential loads with energy from your battery bank. Size the battery bank to provide the length of back-up time you need... 1 day, 3 days, a week.

[Send us a note for more information!\]](#)

Product Attributes

- Dimensions: 1 × 1 × 1 cm
- Weight: 19 kg