

CSW-24 SERIES | INVERTER

24V SINE WAVE ON THE GO

Introduction

The Magnum-Dimensions CSW-24 Series inverter from Sensata Technologies is a pure sine wave inverter designed to be powerful, yet simple to operate. The CSW will provide you with reliable AC power for troublefree use.



Features

- Compact and Lightweight – The CSW provides pure sine wave power from a small footprint designed to fit in tight vehicle and marine spaces. And it is lightweight, so it won't weigh you down.
- At-a-Glance Status – The inverter's status can be determined at a glance with the easy to read LED light.
- Digital Display – The alphanumeric display shows the inverter's battery voltage, total AC output power, along with additional operation codes.
- USB Port – Power and charge your USB-enabled device with the available USB port.
- GFCI AC Outlet – Plug in two pieces of equipment directly to the CSW and know that the GFCI outlet will quickly stop the flow of electricity should a ground fault occur. The outlet also comes with an LED indicator and test/reset capability.

Options

- Remote Switch – Use the optional CSW-RS remote switch for even easier on/off access away from the inverter. The CSW-RS comes with a 20' cable.

Model Numbers

- CSW2024

Available For

- Emergency Medical Services
- Marine Systems
- Military Vehicles
- RV Systems
- Trucks
- Utility Vehicles

Available Accessories

- Remote Switch (CSW-RS)



Pure Sine Wave



Battery Voltage Options



Continuous Output Options



SPECIFICATIONS

CSW2024	
INVERTER SPECIFICATIONS - OUTPUT	
Continuous power at nominal DC voltage	2000 watts
Peak surge power	4000 watts
AC output voltage at 24.0 VDC	120 VAC \pm 5%
AC output current	16.6 AAC
AC output frequency	60 Hz \pm 0.5 Hz
AC output waveform	Pure sine wave
Total harmonic distortion (THD)	< 3%
USB	5V, 2.1 A
INVERTER SPECIFICATIONS - INPUT	
Nominal DC input voltage	25.0 VDC
DC input voltage range	21.0 - 31.0 VDC
Input current	97 DCA
No load draw - Power Save off	.8 ADC
No load draw - Power Save on	.3 ADC
Optimum efficiency	> 90%
High voltage shutdown	31.0 VDC
Low voltage alarm	22.4 VDC, audible
Low voltage shutdown	21.0 VDC
GENERAL FEATURES AND CAPABILITIES	
Transfer relay capability	NA
Display status indicator	LED: Status
Digital display	Input voltage, output power, warning, and error code
AC receptacles	NEMA 5-20 (GFCI)
Listings	Conforms to UL458, Certified to CSA 22.2, 107.1
Warranty	One year
ENVIRONMENTAL SPECIFICATIONS	
Operating temperature	0° C to +40° C (32° F to 104° F)
Nonoperating temperature	-20° C to +60° C (-4° F to 140° F)
Operating humidity	0 to 90% RH non condensing
Max operating altitude	9843' (3000 m) above sea level
PHYSICAL SPECIFICATIONS	
Dimensions (l x w x h)	16.3" x 9.1" x 4.3" (41.4 cm x 23.1 cm x 10.9 cm)
Shipping dimensions (l x w x h)	19" x 11.3" x 6.7" (48.3 cm x 28.7 cm x 17 cm)
Mounting	Shelf (top or bottom up) or bulkhead (DC terminals MUST be facing up)
Weight	11.5 lb (5.2 kg)
Shipping weight	13 lb (5.9 kg)



GENERAL NOTES

Testing for specifications at 25° C.
Specifications subject to change without notice.



AGENCY APPROVALS & CERTIFICATIONS

- Conforms to UL458, Certified to CSA 22.2, 107.1

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