DIMENSIONS™

MOBILE POWER
PRODUCT OVERVIEW

Sensata
Technologies

The World Depends on Sensors and Controls

CONTENTS

ABOUT SENSATA TECHNOLOGIES

The name Sensata comes from the Latin word sensata, meaning "those gifted with sense". To complement our business and name, our logo is inspired by Braille, the writing system based on touch.

Our highly engineered devices satisfy the world's growing need for safety, energy efficiency, and a clean environment. These are devices that improve safety, efficiency and comfort for millions of people every day and are used in automotive, appliance, aircraft, industrial, military, heavy vehicle, heating, air conditioning, data, telecommunications, recreational vehicle and marine applications.

Until 2006, we were called Texas Instruments Sensors & Controls. Today we are the world's leading supplier of sensors and controls across a broad range of markets and applications.

From integrated manufacturing to state-of-the-art environmental practices and a full spectrum of technical and analytical services, Sensata Technologies remains committed to helping its customers find leading-edge technology solutions to meet today's market needs.

THE DIMENSIONS AND MAGNUM ENERGY BRANDS

Dimensions Inverters joined SensataTechnologies in 2007 and Magnum Energy in 2014. Under the Dimensions and Magnum Energy brands, Sensata Technologies continues to manufacture exceptional inverters, inverter/chargers, and accessories catering to mobile applications, including utilities, corporate fleets, RV, marine, and trucks; renewable energy applications, and the export market.

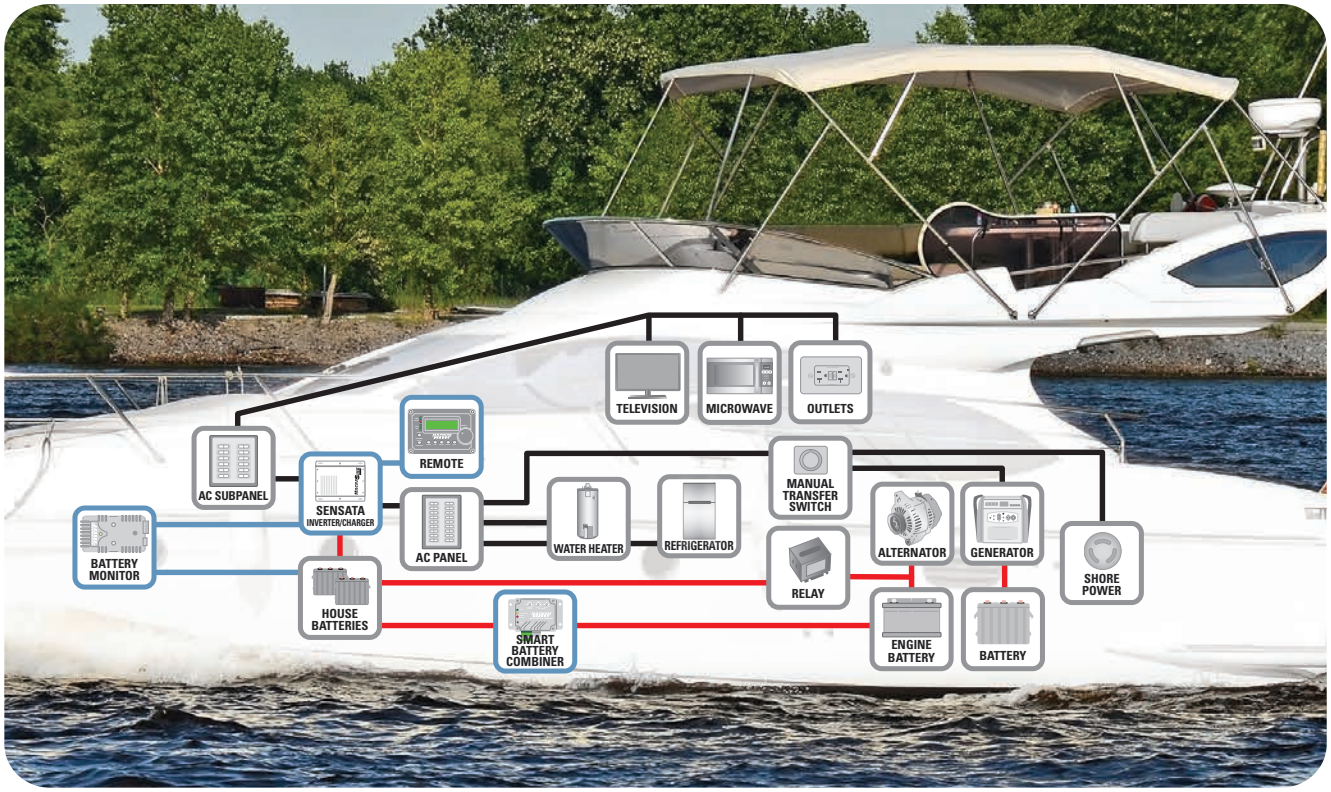
Manufactured in Everett, Washington, and St. Paul, Minnesota, and shipped worldwide, our products use the highest quality components to respond to the extreme conditions of variable climates. Our dedicated staff of engineering, manufacturing, and customer service professionals work closely with customers to design and build some of the industry's most reliable, advanced, and cost effective inverters, inverter/chargers and accessories.

Offering both sine wave and modified sine wave models ranging from 300 to 12,000 watts – in single and three-phase topology – and the ability to accommodate input ranges from 12 to 300 VDC, the Magnum-Dimensions product line has the inverter or inverter/charger to meet your needs.

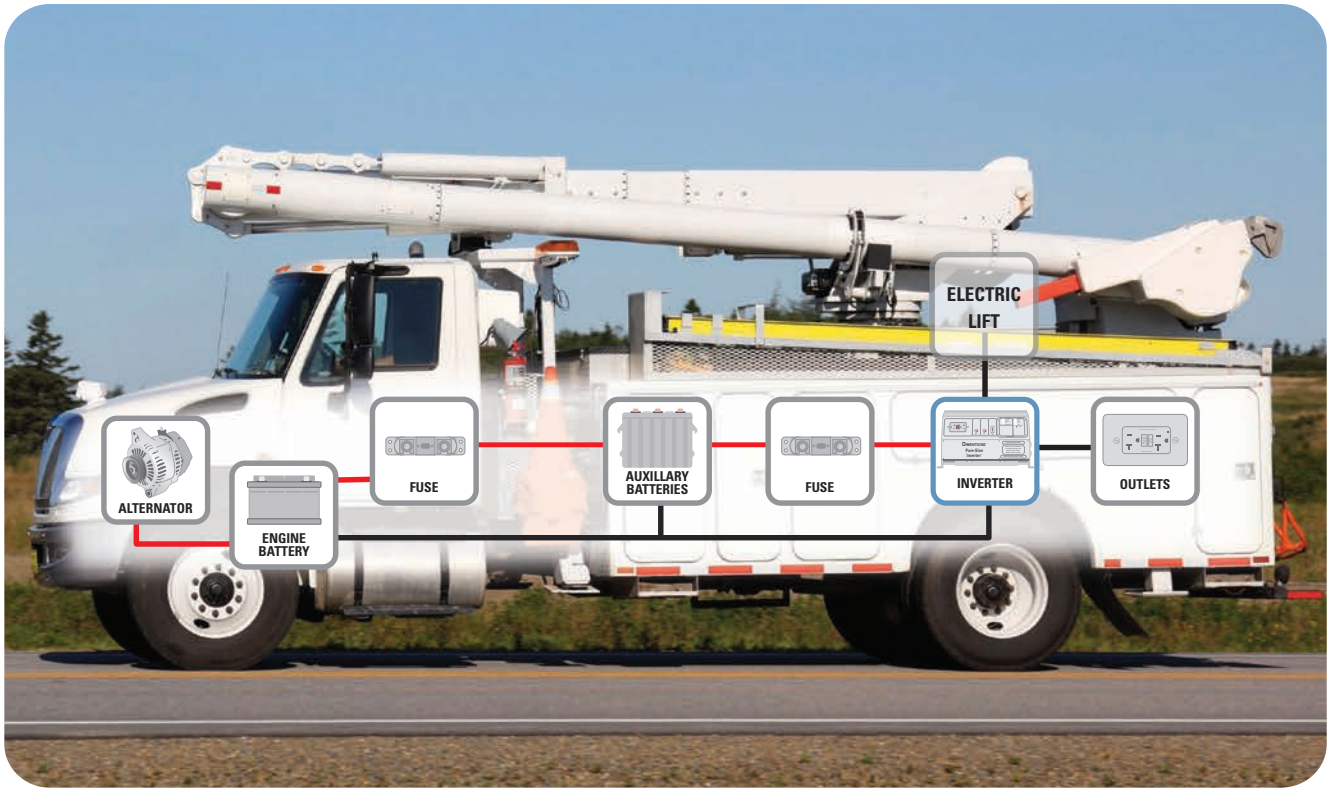
For additional products, visit our web site at www.SensataPower.com. And ask your distributor/ dealer for our Renewable and Export catalogs.

SENSATA POWER CONVERSION ON THE GO

MARINE SYSTEM DIAGRAM



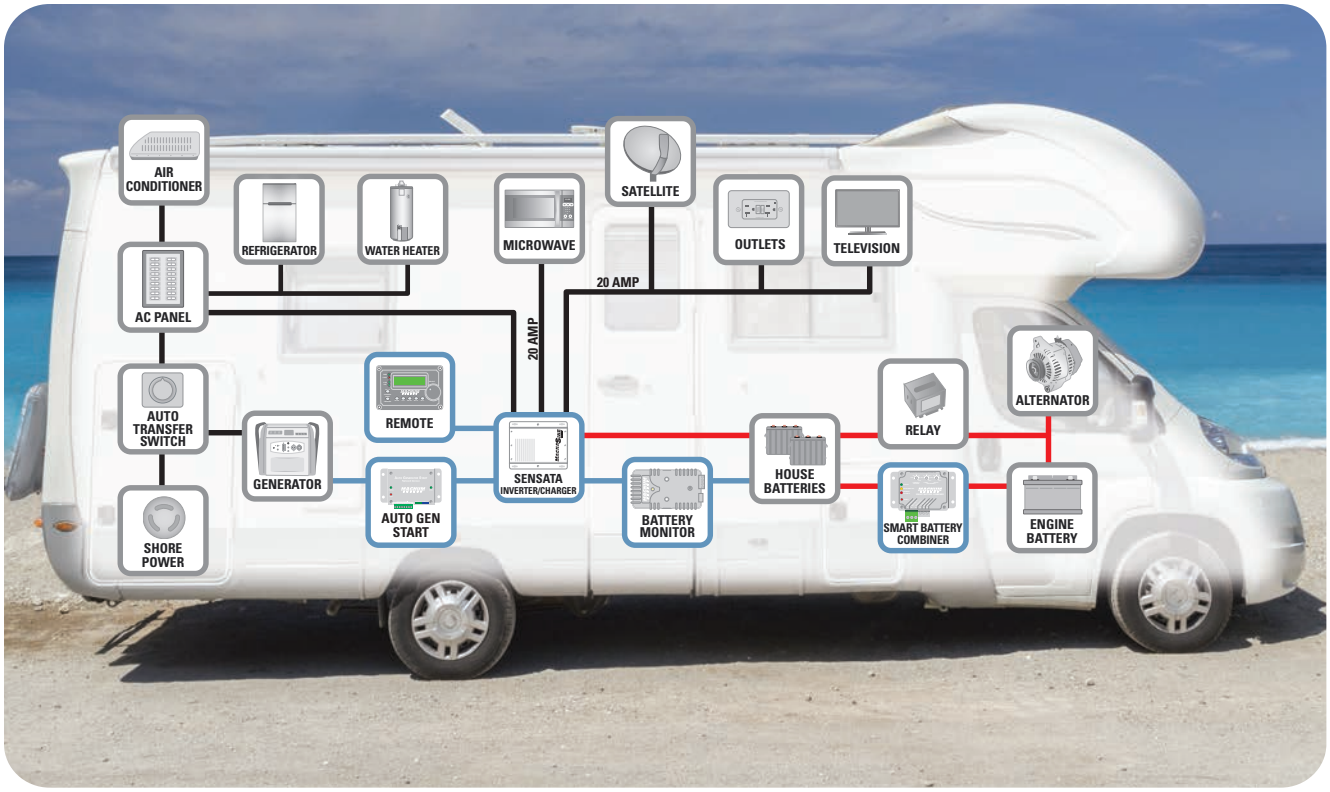
UTILITY TRUCK SYSTEM DIAGRAM



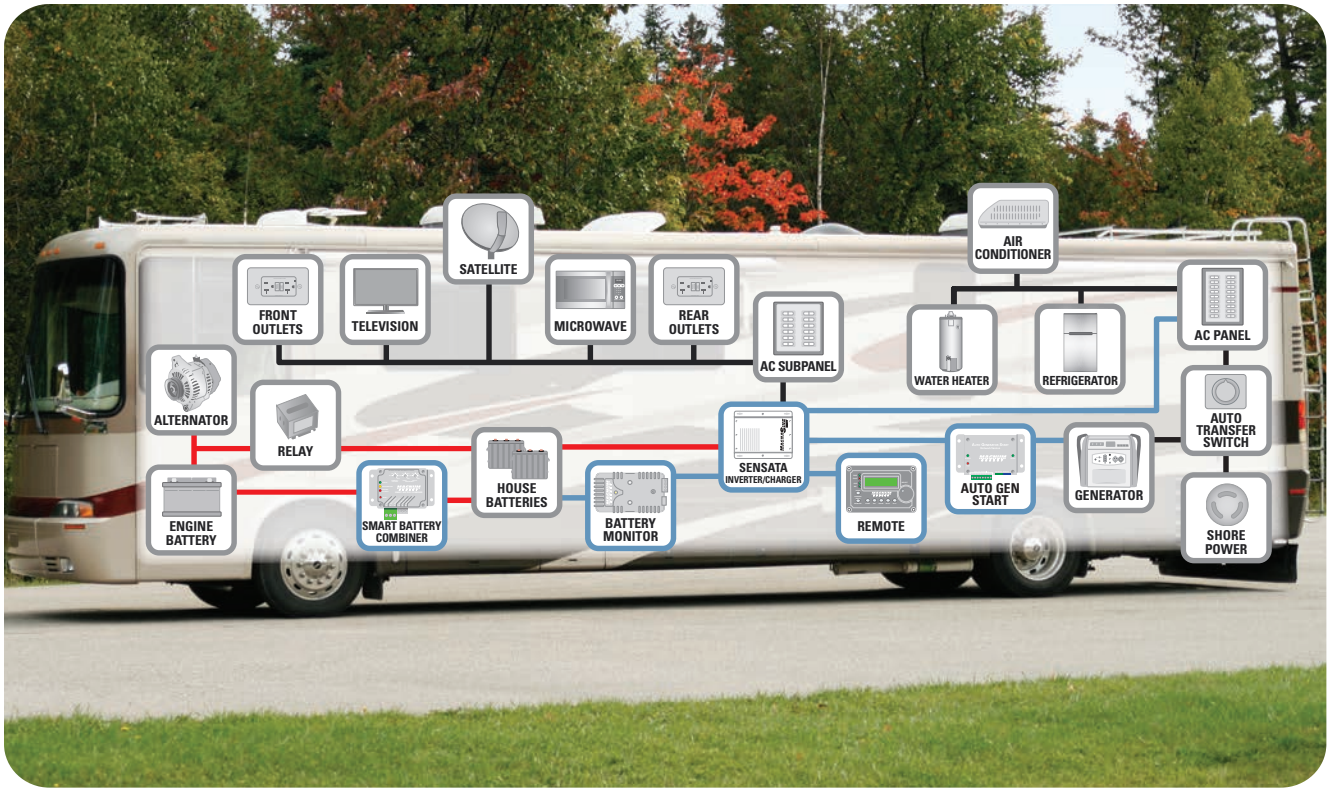
Inverters and Inverter/Chargers built for on-the-go power

Efficient • Lightweight • Easy to Install • Robust and Cost Effective Options

RV 30 AMP SYSTEM DIAGRAM



RV 50 AMP SYSTEM DIAGRAM



CSW SERIES INVERTER

Model Numbers

CSW412 • CSW1012 • CSW2012 • CSW2012-X

(Representative product photo. Chassis vary, depending on model.)

Pure Sine Wave

12 — Battery Voltage Options

400-2000 — Continuous Output Options in Watts

HF — High Frequency

The Sensata Technologies CSW Series inverter 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 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 5V / 750 mAmp USB port.

GFCI AC Outlet

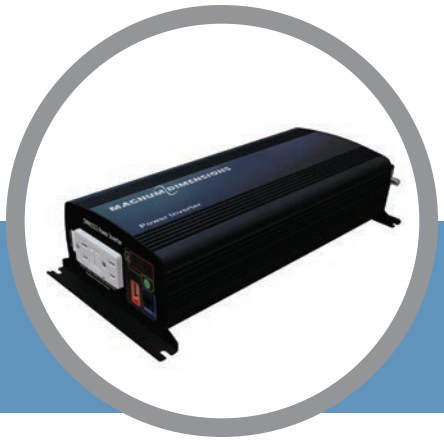
Plug in two pieces of equipment directly to the CSW and know that the GFCI outlet will quickly stop the flow of electricity should a ground fault occur. The outlet also comes with an LED indicator and test/reset capability.

Automatic Transfer Switch Option

The CSW2012-X automatically switches between shore power and inverter/battery power.

CSW SERIES SPECIFICATIONS

	CSW412	CSW1012	CSW2012	CSW2012-X
INVERTER SPECIFICATIONS				
Continuous power at nominal DC voltage	400 watts	1000 watts	2000 watts	2000 watts
Peak surge power	800 watts	2000 watts	4000 watts	4000 watts
AC output voltage	120 VAC ± 5%	120 VAC ± 5%	120 VAC ± 5%	120 VAC ± 5%
AC ouput current	3.3 AAC	8.3 AAC	16.6 AAC	16.6 AAC
Peak AC output current	6.7 AAC	16.7 AAC	33.3 AAC	33.3 AAC
AC output frequency	60 Hz ± 0.5 Hz	60 Hz ± 0.5 Hz	60 Hz ± 0.5 Hz	60 Hz ± 0.5 Hz
AC output waveform	Pure sine wave	Pure sine wave	Pure sine wave	Pure sine wave
Nominal DC input voltage	12.5 VDC	12.5 VDC	12.5 VDC	12.5 VDC
Optimum efficiency	> 90%	> 90%	> 90%	> 90%
Phase	Single	Single	Single	Single
Topology	High Frequency	High Frequency	High Frequency	High Frequency
ENVIRONMENTAL SPECIFICATIONS				
Operating temperature	-0° C to +40° C (32° F to 104° F)			
PHYSICAL SPECIFICATIONS				
Dimensions (l x w x h)	6.9" x 7.9" x 2.3" (17.5 cm x 20.1 cm x 5.8 cm)	12.63" x 7.0" x 3.5" (32.1 cm x 17.8 cm x 8.9 cm)	16.3" x 9.1" x 4.3" (41.4 cm x 23.1 cm x 10.9 cm)	17" x 9" x 4.5" (43.2 cm x 22.9 cm x 11.4 cm)
Weight	3.8 lb (1.7 kg)	6.6 lb (3.0 kg)	11.5 lb (5.2 kg)	13.0 lb (5.9 kg)
GENERAL FEATURES AND CAPABILITIES				
Warranty	One year			
Listings	ETL Listed to UL458, Certified to CSA C22.2 No. 107.1, meets FCC Class B			



CMW SERIES INVERTER

Model Numbers

CMW412 • CMW1012 • CMW1512 • CMW3012H (hardwire)

(Representative product photo. Chassis vary, depending on model.)

Modified Sine Wave

12 — Battery Voltage Options

400-3000 — Continuous Output Options in Watts

HF — High Frequency

The Sensata Technologies CMW Series inverter is a cost effective modified sine wave inverter designed for clean, compact power on the go. The CMW will safely run many small appliances and provide reliable AC power.

FEATURES

Compact and Lightweight

The CMW provides pure sine wave power from a small footprint designed to fit in tight vehicle and marine spaces. And it is lightweight, so 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 5V / 750 mAmp USB port.

GFCI AC Outlet

Plug in two pieces of equipment directly to the CMW 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.

AC Wiring Access Cover

The CMW3012H provides access to the AC wiring terminals to allow for hardwiring the AC output.

CMW SERIES SPECIFICATIONS

	CMW412	CMW1012	CSM1512	CMW3012H
INVERTER SPECIFICATIONS				
Continuous power at nominal DC voltage	400 watts	1000 watts	1500 watts	3000 watts
Peak surge power	800 watts	2000 watts	3000 watts	6000 watts
AC output voltage	120 VAC ± 5%	120 VAC ± 5%	120 VAC ± 5%	120 VAC ± 5%
AC ouput current	3.3 AAC	8.3 AAC	12.5 AAC	25.0 AAC
Peak AC output current	6.7 AAC	16.7 AAC	25.0 AAC	50 AAC
AC output frequency	60 Hz ± 0.5 Hz	60 Hz ± 0.5 Hz	60 Hz ± 0.5 Hz	60 Hz ± 0.5 Hz
AC output waveform	Modified sine wave	Modified sine wave	Modified sine wave	Modified sine wave
Nominal DC input voltage	12.5 VDC	12.5 VDC	12.5 VDC	12.5 VDC
Optimum efficiency	90%	90%	90%	90%
Phase	Single	Single	Single	Single
Topology	High Frequency	High Frequency	High Frequency	High Frequency
ENVIRONMENTAL SPECIFICATIONS				
Operating temperature	-0° C to +40° C (32° F to 104° F)			
PHYSICAL SPECIFICATIONS				
Dimensions (l x w x h)	7.3" x 4.1" x 2.1" (18.5 cm x 10.4 cm x 5.3 cm)	12.63" x 6.9" x 3.5" (32.1 cm x 17.5 cm x 8.9 cm)	15.0" x 6.9" x 3.5" (38.1 cm x 17.5 cm x 8.9 cm)	19.0 " x 9.0" x 4.5" (48.3 cm x 23.0 cm x 11.5 cm)
Weight	1.6 lb (.7 kg)	5.3 lb (2.4 kg)	6.9 lb (3.1 kg)	13.0 lb (5.9 kg)
GENERAL FEATURES AND CAPABILITIES				
Warranty	One year			
Listings	ETL Listed to UL458, Certified to CSA STD C22.2 No. 107.1			

LP SERIES INVERTER

Model Numbers

12LP10 • 12LP10H (No GFCI, Hardwire) • 12LP10R (No Front Panel Switch)

Pure Sine Wave

12 Battery Voltage Options

1000 Continuous Output Options in Watts

LF Low Frequency

The Dimensions 12LP10 Series Inverter from Sensata provides pure sine wave power in a compact chassis to help power all of your sensitive electronic loads.

THE 12LP10 SERIES FEATURES

GFCI Outlet

Provides 120 VAC output as well as receptacle protection.

Unit Protection

Provides automatic electronic short circuit/overload protection, automatic over-temperature shutdown, and an AC output circuit breaker.

Status LED

Provides inverter operation mode and troubleshooting information at a glance.

Low Battery Protection

Automatically shuts down at 10.5 VDC with in-rush delay. The end user may also select an optional setting of 11.7 VDC.

Battery Surge Protection

The 12LP10 has an input DC voltage range of 10.5 - 16 volts. The inverter can tolerate up to 24 VDC for five minutes, then will shut down to preserve the system.

Auto Sleep Mode

Auto sleep mode helps preserve battery life over long periods of no load operation.

LP SERIES SPECIFICATIONS

	12LP10	12LP10H	12LP10R
INVERTER SPECIFICATIONS			
Continuous power at nominal DC voltage	1000 watts	1000 watts	1000 watts
Peak surge power	2000 watts	2000 watts	2000 watts
AC output voltage	120 VAC ± 5%	120 VAC ± 5%	120 VAC ± 5%
AC ouput current	8.3 AAC	8.3 AAC	8.3 AAC
Peak AC output current	23.5 AAC	23.5 AAC	23.5 AAC
AC output frequency	60 Hz ± 0.05 Hz	60 Hz ± 0.05 Hz	60 Hz ± 0.05 Hz
AC output waveform	Pure sine wave	Pure sine wave	Pure sine wave
Nominal DC input voltage	12.5 VDC	12.5 VDC	12.5 VDC
Optimum efficiency	> 82%	> 82%	> 82%
Phase	Single	Single	Single
Topology	Low Frequency	Low Frequency	Low Frequency
ENVIRONMENTAL SPECIFICATIONS			
Operating temperature	-20° C to +60° C (-4° F to 140° F)		
PHYSICAL SPECIFICATIONS			
Dimensions (l x w x h)	17.3" x 9.0" x 3.6" (43.9 cm x 22.9 cm x 9.1 cm)	17.3" x 9.0" x 3.6" (43.9 cm x 22.9 cm x 9.1 cm)	17.3" x 9.0" x 3.6" (43.9 cm x 22.9 cm x 9.1 cm)
Weight	20 lb (9.1 kg)	20 lb (9.1 kg)	20 lb (9.1 kg)
GENERAL FEATURES AND CAPABILITIES			
Warranty	Five years		
Listings	Listed to UL/cUL 458 Power Inverter, E100666		

N SERIES INVERTER - 12 VOLT MODELS

Model Numbers

12/400N • 12/800N • 12/1200N • 12/1500N

(Representative product photo. Chassis vary, depending on model.)

See following pages for additional models

Pure Sine Wave

12 — Battery Voltage Options (other options available)

400-1500 — Continuous Output Options in Watts (other options available)

LF — Low Frequency

The Dimensions N Series Inverter is a low frequency, pure sine wave inverter line made for handling loads in work and utility trucks. Available from 400 watts to 5600 watts in 12 VDC models, giving you choices to fit your needs (see other pages for additional voltages).

The N Series Inverters utilize an iron-core transformer that can handle the frequent power surges associated with industrial-grade tools, pumps, heaters, and motors.

FEATURES

- Engineered construction and cooling methods
- Thermally controlled cooling fan
- Enclosed AC and DC cable connections
- Remote ON/OFF switch hookup
- GFCI outlet protection
- LED indication of external power, inverter power, low input voltage, high temperature, and overload
- Automatic electronic short circuit/ overload protection
- Automatic over temperature shutdown
- Output circuit breakers
- Automatic low battery shutdown with in-rush delay

N SERIES INVERTER SPECIFICATIONS – 12 VOLT MODELS

12 Volt Models
Continued on Next Page

	12/400N	12/800N	12/1200N	12/1500N
INVERTER SPECIFICATIONS				
Continuous power at nominal DC voltage	400 watts	800 watts	1200 watts	1500 watts
Peak surge power	840 watts	1560 watts	2520 watts	2880 watts
AC output voltage	120 VAC ± 5%	120 VAC ± 5%	120 VAC ± 5%	120 VAC ± 5%
AC ouput current	3 AAC	7 AAC	10 AAC	12 AAC
Peak AC output current	7 AAC	13 AAC	21 AAC	24 AAC
AC output frequency	60 Hz ± 0.5 Hz	60 Hz ± 0.5 Hz	60 Hz ± 0.5 Hz	60 Hz ± 0.5 Hz
AC output waveform	Pure sine wave	Pure sine wave	Pure sine wave	Pure sine wave
Nominal DC input voltage	12 VDC	12 VDC	12 VDC	12 VDC
Optimum efficiency	Up to 88%	Up to 88%	Up to 88%	Up to 88%
Phase	Single	Single	Single	Single
Topology	Low Frequency	Low Frequency	Low Frequency	Low Frequency
ENVIRONMENTAL SPECIFICATIONS				
Operating temperature	-18° to 40° C (0° to 104° F)			
PHYSICAL SPECIFICATIONS				
Dimensions (l x w x h)	12.5" x 6.0" x 5.0" (31.8 x 15.2 x 12.7 cm)	15.5" x 8.2" x 7.5" (39.4 x 20.8 x 19.1 cm)	15.5" x 8.2" x 7.5" (39.4 x 20.8 x 19.1 cm)	15.5" x 8.2" x 7.5" (39.4 x 20.8 x 19.1 cm)
Weight	14 lb (6.4 kg)	22 lb (10.0 kg)	27 lb (12.3 kg)	29 lb (13.2 kg)
GENERAL FEATURES AND CAPABILITIES				
Warranty	Five years			
Listings	Listed to UL/cUL 458 Power Inverter, E100666			

N SERIES INVERTER - 12 VOLT MODELS

Model Numbers

12/1800N • 12/2400N • 12/3000N • 12/3600N

(Representative product photo. Chassis vary, depending on model.)

See previous and following pages for additional models

Pure Sine Wave

12 — Battery Voltage Options (other options available)

1800-3600 — Continuous Output Options in Watts (other options available)

LF — Low Frequency

The Dimensions N Series Inverter is a low frequency, pure sine wave inverter line made for handling loads in work and utility trucks. Available from 1800 watts to 3600 watts in 12 VDC models, giving you choices to fit your needs (see other pages for additional voltages).

The N Series Inverters utilize an iron-core transformer that can handle the frequent power surges associated with industrial-grade tools, pumps, heaters, and motors.

FEATURES

- Engineered construction and cooling methods
- Thermally controlled cooling fan
- Enclosed AC and DC cable connections
- Remote ON/OFF switch hookup
- GFCI outlet protection
- LED indication of external power, inverter power, low input voltage, high temperature, and overload
- Automatic electronic short circuit/ overload protection
- Automatic over temperature shutdown
- Output circuit breakers
- Automatic low battery shutdown with in-rush delay

N SERIES INVERTER SPECIFICATIONS – 12 VOLT MODELS

	12/1800N	12/2400N	12/3000N	12/3600N
INVERTER SPECIFICATIONS				
Continuous power at nominal DC voltage	1800 watts	2400 watts	3000 watts	3600 watts
Peak surge power	3960 watts	6480 watts	6480 watts	16320 watts
AC output voltage	120 VAC ± 5%	120 VAC ± 5%	120 VAC ± 5%	120 VAC ± 5%
AC ouput current	15 AAC	20 AAC	25 AAC	30 AAC
Peak AC output current	44 AAC	91 AAC	91 AAC	136 AAC
AC output frequency	60 Hz ± 0.5 Hz	60 Hz ± 0.5 Hz	60 Hz ± 0.5 Hz	60 Hz ± 0.5 Hz
AC output waveform	Pure sine wave	Pure sine wave	Pure sine wave	Pure sine wave
Nominal DC input voltage	12 VDC	12 VDC	12 VDC	12 VDC
Optimum efficiency	Up to 88%	Up to 88%	Up to 88%	Up to 88%
Phase	Single	Single	Single	Single
Topology	Low Frequency	Low Frequency	Low Frequency	Low Frequency
ENVIRONMENTAL SPECIFICATIONS				
Operating temperature	-18° to 40° C (0° to 104° F)			
PHYSICAL SPECIFICATIONS				
Dimensions (l x w x h)	15.5" x 16" x 7.5" (39.4 x 40.6 x 19.1 cm)	15.5" x 16" x 7.5" (39.4 x 40.6 x 19.1 cm)	15.5" x 16" x 7.5" (39.4 x 40.6 x 19.1 cm)	16" x 17" x 10" (40.6 x 43.2 x 25.4 cm)
Weight	42 lb (19.1 kg)	56 lb (25.5 kg)	58 lb (26.4 kg)	80 lb (36.4 kg)
GENERAL FEATURES AND CAPABILITIES				
Warranty	Five years			
Listings	Listed to UL/cUL 458 Power Inverter, E100666			

N SERIES INVERTER - 24 VOLT MODELS

Model Numbers

24/400N • 24/2200N • 24/3300N • 24/4800N • 24/5600DN

(Representative product photo. Chassis vary, depending on model.)

See previous and following pages for additional models

Pure Sine Wave

24 — Battery Voltage Options (other options available)

400-5600 — Continuous Output Options in Watts (other options available)

LF — Low Frequency

The Dimensions N Series Inverter is a low frequency, pure sine wave inverter line made for handling loads in work and utility trucks. Available from 400 watts to 5600 watts in 24 VDC models, giving you choices to fit your needs (see other pages for additional voltages).

The N Series Inverters utilize an iron-core transformer that can handle the frequent power surges associated with industrial-grade tools, pumps, heaters, and motors.

FEATURES

- Engineered construction and cooling methods
- Thermally controlled cooling fan
- Enclosed AC and DC cable connections
- Remote ON/OFF switch hookup
- GFCI outlet protection
- LED indication of external power, inverter power, low input voltage, high temperature, and overload
- Automatic electronic short circuit/ overload protection
- Automatic over temperature shutdown
- Output circuit breakers
- Automatic low battery shutdown with in-rush delay

N SERIES INVERTER SPECIFICATIONS – 24 VOLT MODELS

	24/400N	24/2200N	24/3300N	24/4800N	24/5600N
INVERTER SPECIFICATIONS					
Continuous power at nominal DC voltage	400 watts	2200 watts	3300 watts	4800 watts	5600 watts
Peak surge power	1080 watts	6600 watts	9600 watts	13200 watts	16800 watts
AC output voltage	120 VAC ± 5%	120 VAC ± 5%	120 VAC ± 5%	120 VAC ± 5%	
AC ouput current	3 AAC	18 AAC	28 AAC	40 AAC	23 AAC
Peak AC output current	9 AAC	55 AAC	80 AAC	110 AAC	140 AAC
AC output frequency	60 Hz ± 0.5 Hz	60 Hz ± 0.5 Hz	60 Hz ± 0.5 Hz	60 Hz ± 0.5 Hz	60 Hz ± 0.5 Hz
AC output waveform	Pure sine wave	Pure sine wave	Pure sine wave	Pure sine wave	Pure sine wave
Nominal DC input voltage	24 VDC	24 VDC	24 VDC	24 VDC	24 VDC
Optimum efficiency	Up to 88%	Up to 88%	Up to 88%	Up to 88%	Up to 88%
Phase	Single	Single	Single	Single	Single
Topology	Low Frequency	Low Frequency	Low Frequency	Low Frequency	Low Frequency
ENVIRONMENTAL SPECIFICATIONS					
Operating temperature	-18° to 40° C (0° to 104° F)	-20° to 60° C (0° to 140° F)	-20° to 60° C (0° to 140° F)	-20° to 60° C (0° to 140° F)	-20° to 60° C (0° to 140° F)
PHYSICAL SPECIFICATIONS					
Dimensions (l x w x h)	12.5" x 6.0" x 5.0" (31.8 x 15.2 x 12.7 cm)	15.5" x 16" x 7.5" (39.4 x 40.6 x 19.1 cm)	16" x 17" x 10" (40.6 x 43.2 x 25.4 cm)	16" x 17" x 10" (40.6 x 43.2 x 25.4 cm)	18" x 20" x 12.5" (45.7 x 50.8 x 31.8 cm)
Weight	14 lb (6.4 kg)	42 lb (19.1 kg)	69 lb (31.4 kg)	90 lb (40.9 kg)	140 lb (63.6 kg)
GENERAL FEATURES AND CAPABILITIES					
Warranty	Five years				
Listings	Listed to UL/cUL 458 Power Inverter, E100666				

N SERIES INVERTER - 48 VOLT MODELS

Model Numbers

48IX10NV

(Representative product photo. Chassis vary, depending on model.)

See previous and following pages for additional models

Pure Sine Wave

48 — Battery Voltage Options (other options available)

1000 — Continuous Output Options in Watts (other options available)

LF — Low Frequency

The Dimensions N Series Inverter is a low frequency, pure sine wave inverter line made for handling loads in work and utility trucks. The robust 48 volt model provides 1000 watts of power (see other pages for additional voltages).

The N Series Inverters utilize an iron-core transformer that can handle the frequent power surges associated with industrial-grade tools, pumps, heaters, and motors.

FEATURES

- Engineered construction and cooling methods
- Thermally controlled cooling fan
- Enclosed AC and DC cable connections
- Remote ON/OFF switch hookup
- GFCI outlet protection
- LED indication of external power, inverter power, low input voltage, high temperature, and overload
- Automatic electronic short circuit/ overload protection
- Automatic over temperature shutdown
- Output circuit breakers
- Automatic low battery shutdown with in-rush delay

N SERIES INVERTER SPECIFICATIONS – 48 VOLT MODELS

	48IX10NV
INVERTER SPECIFICATIONS	
Continuous power at nominal DC voltage	1000 watts
Peak surge power	2500 watts
AC output voltage	120 VAC ± 5%
AC ouput current	8.3 AAC
Peak AC output current	55 AAC
AC output frequency	60 Hz ± 0.5 Hz
AC output waveform	Pure sine wave
Nominal DC input voltage	48 VDC
Optimum efficiency	Up to 87%
Phase	Single
Topology	Low Frequency
ENVIRONMENTAL SPECIFICATIONS	
Operating temperature	-20° to 60° C (0° to 140° F)
PHYSICAL SPECIFICATIONS	
Dimensions (l x w x h)	15.4" x 8.3" x 7.6" (39.1 x 21.1 x 19.3 cm)
Weight	33 lb (15 kg)
GENERAL FEATURES AND CAPABILITIES	
Warranty	Two years
Listings	Listed to UL/cUL 458 Power Inverter, E100666

N SERIES INVERTER - VENTLESS MODELS

Model Numbers

12Z8NV (Ventless) • 248NV (Ventless) • 48Z8NV (Ventless)

(Representative product photo. Chassis vary, depending on model.)

See previous pages for additional models

Pure Sine Wave

12, 24, 48 — Battery Voltage Options (other options available)

800 — Continuous Output Options in Watts (other options available)

LF — Low Frequency

The Dimensions N Series Inverter is a low frequency, pure sine wave inverter line made for handling loads in work and utility trucks. The 800 watt ventless inverter is available in 12, 24, and 48 VDC models, giving you choices to fit your needs (see other pages for additional models).

The N Series Inverters utilize an iron-core transformer that can handle the frequent power surges associated with industrial-grade tools, pumps, heaters, and motors.

FEATURES

- Engineered construction and cooling methods
- Thermally controlled cooling fan
- Enclosed AC and DC cable connections
- Remote ON/OFF switch hookup
- GFCI outlet protection
- LED indication of external power, inverter power, low input voltage, high temperature, and overload
- Automatic electronic short circuit/ overload protection
- Automatic over temperature shutdown
- Output circuit breakers
- Automatic low battery shutdown with in-rush delay

N SERIES INVERTER SPECIFICATIONS – VENTLESS MODELS

	12Z8NV	24Z8NV	48ZNV
INVERTER SPECIFICATIONS			
Continuous power at nominal DC voltage	800 watts	800 watts	800 watts
Peak surge power	1560 watts	1560 watts	2040 watts
AC output voltage	120 VAC ± 5%	120 VAC ± 5%	120 VAC ± 5%
AC ouput current	7 AAC	7 AAC	7 AAC
Peak AC output current	13 AAC	13 AAC	17 AAC
AC output frequency	60 Hz ± 0.5 Hz	60 Hz ± 0.5 Hz	60 Hz ± 0.5 Hz
AC output waveform	Pure sine wave	Pure sine wave	Pure sine wave
Nominal DC input voltage	12 VDC	24 VDC	48 VDC
Optimum efficiency	Up to 88%	Up to 88%	Up to 88%
Phase	Single	Single	Single
Topology	Low Frequency	Low Frequency	Low Frequency
ENVIRONMENTAL SPECIFICATIONS			
Operating temperature	-18° to 40° C (0° to 104° F)		
PHYSICAL SPECIFICATIONS			
Dimensions (l x w x h)	17" x 5.5" x 6.5" (43.2 cm x 14 cm x 16.5 cm)	17" x 5.5" x 6.5" (43.2 cm x 14 cm x 16.5 cm)	17" x 5.5" x 6.5" (43.2 cm x 14 cm x 16.5 cm)
Weight	26 lb (11.8 kg)	26 lb (11.8 kg)	26 lb (11.8 kg)
GENERAL FEATURES AND CAPABILITIES			
Warranty	Two years		
Listings	Listed to UL/cUL 458 Power Inverter, E100666		

ME SERIES INVERTER/CHARGER

Model Numbers
ME2012 • ME2012-20B • ME2512 • ME3112

Modified Sine Wave

12 — Battery Voltage Options

2000-3100 — Continuous Output Options in Watts

LF — Low Frequency

The Magnum Energy ME Series Inverter/Charger from Sensata Technologies is a modified sine wave inverter designed specifically for rugged mobile applications. The ME Series Inverter/Charger is powerful, easy-to-use, and best of all, cost effective.

FEATURES

Accessible Design
The extra large AC access cover with terminal screw block and 360° DC connection terminals with covers make this inverter more accessible when it needs to be.

Versatile Mounting
Mount the ME on a shelf, bulkhead, or even upside down.

Lightweight
The lightweight aluminum base and cover also provides noise reduction and corrosion resistance.

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.

Expanded Transfer Relay
60 Amp transfer service is available on all models, and can be wired in three ways, including single in / single out, single in / dual out, or dual in / dual out.

ME SERIES SPECIFICATIONS

	ME2012	ME2512	ME3112
INVERTER SPECIFICATIONS			
Continuous power at nominal DC voltage	2000 watts	2500 watts	3100 watts
Peak surge power	3700 watts	5000 watts	6000 watts
AC output voltage	120 VAC ± 5%	120 VAC ± 5%	120/240 VAC ± 5%
AC ouput current	15 AAC	18 AAC	22 AAC
Peak AC output current	60 AAC	100 AAC	120 AAC
AC output frequency	60 Hz ± 0.1 Hz	60 Hz ± 0.1 Hz	60 Hz ± 0.1 Hz
AC output waveform	Modified sine wave	Modified sine wave	Modified sine wave
Nominal DC input voltage	12 VDC	12 VDC	12 VDC
Optimum efficiency	> 95%	> 91%	> 90%
Phase	Single	Single	Single
Topology	Low Frequency	Low Frequency	Low Frequency
ENVIRONMENTAL SPECIFICATIONS			
Operating temperature	-20° C to +60° C (-4° F to 140° F)		
PHYSICAL SPECIFICATIONS			
Dimensions (l x w x h)	13.75" x 12.65" x 8.0" (34.9 x 32.1 x 20.3 cm)	13.75" x 12.65" x 8.0" (34.9 x 32.1 x 20.3 cm)	13.75" x 12.65" x 8.0" (34.9 x 32.1 x 20.3 cm)
Weight	37 lb (16.8 kg)	41 lb (18.6 kg)	46 lb (20.9 kg)
GENERAL FEATURES AND CAPABILITIES			
Warranty	Three years		
Listings	ETL Listed to UL/cUL 458, CSA C22.2 #107.1-01		

MM SERIES INVERTER/CHARGER

Model Numbers

MM612 (Inverter only) • MM1212 • MMA1212

(Representative product photo. Chassis vary, depending on model.)

Modified Sine Wave

12 — Battery Voltage Options

600-1200 — Continuous Output Options in Watts

LF — Low Frequency

The Magnum Energy MM Series Inverter/Charger is a modified sine wave inverter providing a cost effective solution for those with smaller power needs in mobile applications. Versatile, easy-to-use, and lightweight, the MM Series provides a reliable base for your energy system.

FEATURES

Standard Transfer Relay

The standard 20 amp transfer relay will pass AC power through the inverter when using grid or generator power.

Circuit Breaker Protection

Every model comes with built in input and output circuit breakers for ease of installation.

Current Overload Protection

The MM Inverter/Charger will automatically shut down if its output wattage is exceeded or it detects a short in the wiring, saving the unit from costly damage.

Fan Cooled

The MM Series is fan cooled, enabling the unit to work well in confined spaces. If the inverter does exceed its temperature limits, it will automatically shut down and then restart when it cools down.

Waterproof Panel

The MMA1212 model boasts a waterproof switch and LED panel for use in the most rugged territory.

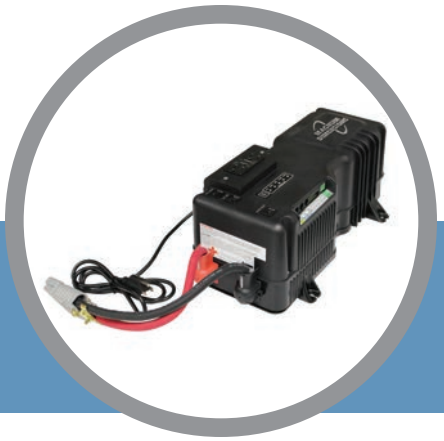
Versatile Mounting

Mount the MM Series Inverter/Charger on a shelf, wall, or even upside down.

MM SERIES SPECIFICATIONS

	MM612 (INVERTER ONLY)	MM1212	MMA1212
INVERTER SPECIFICATIONS			
Continuous power at nominal DC voltage	600 watts	1200 watts	1200 watts
Peak surge power	1100 watts	2100 watts	2100 watts
AC output voltage	120 VAC ± 5%	120 VAC ± 5%	120 VAC ± 5%
AC ouput current	5 AAC	10 AAC	9 AAC
Peak AC output current	27 AAC	42 AAC	42 AAC
AC output frequency	60 Hz ± 0.1 Hz	60 Hz ± 0.1 Hz	60 Hz ± 0.1 Hz
AC output waveform	Modified sine wave	Modified sine wave	Modified sine wave
Nominal DC input voltage	12 VDC	12 VDC	12 VDC
Optimum efficiency	Up to 95%	Up to 95%	Up to 95%
Phase	Single	Single	Single
Topology	Low Frequency	Low Frequency	Low Frequency
ENVIRONMENTAL SPECIFICATIONS			
Operating temperature	-20° to 60° C (-4° to 140° F)		
PHYSICAL SPECIFICATIONS			
Dimensions (l x w x h)	16.6" x 8.4" x 4.7" (42 x 21 x 12 cm)	16.6" x 8.4" x 4.7" (42 x 21 x 12 cm)	16.6" x 8.4" x 6.75" (42 cm x 21 cm x 17 cm)
Weight	14 lb (6.4 kg)	20 lb (9 kg)	24 lb (10.9 kg)
GENERAL FEATURES AND CAPABILITIES			
Warranty	Two years		
Listings	ETL Listed to UL/cUL458, CSA C22.2 #107.1-01		

MMS SERIES INVERTER/CHARGER



Model Numbers

MMS1012 • MMS1012-G • MMSA1012

(Representative product photo. Chassis vary, depending on model.)

Pure Sine Wave

12 — Battery Voltage Options

1000 — Continuous Output Options in Watts

LF — Low Frequency

The Magnum Energy MMS Series Inverter/Charger is a pure sine wave inverter providing a cost effective solution for those with smaller power needs in mobile applications.Versatile, easy-to-use, and lightweight, the MMS provides a reliable base for your energy system.

FEATURES

Standard Transfer Relay

The standard 20 amp transfer relay will pass AC power through the inverter when using shore or generator power.

Fan Cooled

The MMS Series is fan cooled, enabling the unit to work well in confined spaces. If the inverter does exceed its temperature limits, it will automatically shut down and then restart when it cools down.

Current Overload Protection

The MMS Inverter/Charger will automatically shut down if its output wattage is exceeded or it detects a short in the wiring, saving the unit from costly damage.

Convenient Switches

The MMS Series comes with an on/off front-mounted switch with an easy-to-read LED indicator.

Circuit Breaker Protection

This model comes with built in input and output circuit breakers for ease of installation.

Versatile Mounting

Mount the MMS Series on a shelf, bulkhead, or even upside down.

Waterproof Panel

The MMA1012 model boasts a waterproof switch and LED panel for use in the most rugged territory.

MMS SERIES SPECIFICATIONS

	MMS1012	MMS1012-G	MMSA1012
INVERTER SPECIFICATIONS			
Continuous power at nominal DC voltage	1000 watts	1000 watts	1000 watts
Peak surge power	1750 watts	1750 watts	1650 watts
AC output voltage	120 VAC ± 5%	120 VAC ± 5%	120 VAC ± 5%
AC ouput current	21 AAC	21 AAC	21 AAC
Peak AC output current	38 AAC	38 AAC	38 AAC
AC output frequency	60 Hz ± 0.1 Hz	60 Hz ± 0.1 Hz	60 Hz ± 0.1 Hz
AC output waveform	Pure sine wave	Pure sine wave	60 Hz ± 0.1 Hz
Nominal DC input voltage	12 VDC	12 VDC	12 VDC
Optimum efficiency	> 87%	> 87%	> 87%
Phase	Single	Single	Single
Topology	Low Frequency	Low Frequency	Low Frequency
ENVIRONMENTAL SPECIFICATIONS			
Operating temperature	-20° C to +60° C (-4° F to 140° F)		
PHYSICAL SPECIFICATIONS			
Dimensions (l x w x h)	16.6" x 8.4" x 4.7" (42 x 21 x 12 cm)	16.6" x 8.4" x 4.7" (42 x 21 x 12 cm)	16.6" x 8.4" x 6.75" (42 x 21 x 17 cm)
Weight	23 lb (10.4 kg)	23 lb (10.4 kg)	24 lb (10.9 kg)
GENERAL FEATURES AND CAPABILITIES			
Warranty	Two years		
Listings	ETL Listed to UL/cUL458, CSA C22.2 #107.1-01, meets KKK-A-1822E standard		

MS SERIES INVERTER/CHARGER

Model Numbers

MS2000/12 • MS2012-15 • MS2012-20B • MS2812 • MS2024 • MS4024 • MS4048 • MS4048-20B

Pure Sine Wave

12, 24, 48 Battery Voltage Options

2000-4000 Continuous Output Options in Watts

LF Low Frequency

The Magnum Energy MS Series Inverter/Charger from Sensata Technolgies – a pure sine wave inverter designed specifically for the most demanding mobile applications. The MS Series Inverter/Charger is powerful, easy-to-use, and best of all, cost effective.

FEATURES

Accessible Design

The extra large AC access cover with terminal screw block and 360° DC connection terminals with covers make this inverter more accessible when it needs to be.

Versatile Mounting

Mount the MS Inverter/Charger on a shelf, bulkhead, or even upside down.

Lightweight

The lightweight aluminum base and cover also provides noise reduction and corrosion resistance.

Multiple Ports

The MS Series provides multiple ports, including an RS485 communication port for network expansion, and a remote port.

Convenient Switches

The MS Series comes with an on/off inverter-mounted switch with an easy-to-read LED indicator.

Expanded Transfer Relay

60 Amp transfer service is available on all models except MS2000, which is 30 Amp only.

MS SERIES SPECIFICATIONS

	MS2000/12 MS2012-15/-20B	MS2812	MS2024	MS4024	MS4048 MS4048-20B
INVERTER SPECIFICATIONS					
Continuous power at nominal DC voltage	2000 watts	2800 watts	2000 watts	4000 watts	4000 watts
Peak surge power	3300 watts	3900 watts	2850 watts	5800 watts	8500 watts
AC output voltage	120 VAC ± 5%	120 VAC ± 5%	120 VAC ± 5%	120 VAC ± 5%	120 VAC ± 5%
AC ouput current	17 AAC	23 AAC	17 AAC	33 AAC	33 AAC
Peak AC output current	50 AAC	70 AAC	75 AAC	120 AAC	120 AAC
AC output frequency	60 Hz ± 0.1 Hz	60 Hz ± 0.1 Hz	60 Hz ± 0.1 Hz	60 Hz ± 0.1 Hz	60 Hz ± 0.1 Hz
AC output waveform	Pure sine wave	Pure sine wave	Pure sine wave	Pure sine wave	Pure sine wave
Nominal DC input voltage	12 VDC	12 VDC	24 VDC	24 VDC	48 VDC
Optimum efficiency	Up to 90.6%	Up to 90%	Up to 86%	Up to 93.7%	Up to 94%
Phase	Single	Single	Single	Single	Single
Topology	Low Frequency	Low Frequency	Low Frequency	Low Frequency	Low Frequency
ENVIRONMENTAL SPECIFICATIONS					
Operating temperature	-20° to 60° C (-4° to 140° F)				
PHYSICAL SPECIFICATIONS					
Dimensions (l x w x h)	13.75" x 12.65" x 8.0" (34.9 x 32.1 x 20.3 cm)	13.75" x 12.65" x 8.0" (34.9 x 32.1 x 20.3 cm)	13.75" x 12.65" x 8.0" (34.9 x 32.1 x 20.3 cm)	13.75" x 12.65" x 8.0" (34.9 x 32.1 x 20.3 cm)	13.75" x 12.65" x 8.0" (34.9 x 32.1 x 20.3 cm)
Weight	42 lb (19.1 kg)	55 lb (24.9 kg)	41 lb (18.6 kg)	55 (24.9 kg)	55 lb (24.9 kg)
GENERAL FEATURES AND CAPABILITIES					
Warranty	Three years				
Listings	ETL listed to UL/cUL 458, UL 1741, CSA C22.2 No. 107.1-01, and meets KKK-A-1822E std.				

MSH-M SERIES INVERTER/CHARGER

Model Numbers
MSH3012M • MSH4024M

Pure Sine Wave

12, 24 — Battery Voltage Options

3000-4500 — Continuous Output Options in Watts

LF — Low Frequency

The Magnum Energy MSH-M Series Inverter/Charger from Sensata Technologies – a pure sine wave inverter designed with true hybrid technology allowing it to run larger loads from smaller generators.

FEATURES

Hybrid Technology
Most inverters only use one source of energy to power loads, either from incoming AC power – shore or AC generator – or from the batteries. The MSH-M Series combines the energy from both sources to power loads. This allows the inverter to recharge the batteries when there is surplus power or deliver more power to the loads if they require more than the AC input can supply by itself.

Load Support
Load support parallels the inverter output with incoming AC sources allowing it to run larger loads from smaller generators.

Interchangeable
The MSH-M Series is interchangeable with the MS Series Inverter/Charger and uses the same accessories as the MS.

Lightweight
The lightweight aluminum base and cover also provides noise reduction and corrosion resistance.

Multiple Ports
The MSH-M Inverter/Charger provides multiple ports, including an RS485 communication port for network expansion, and a remote port.

MSH-M SERIES SPECIFICATIONS

	MSH3012M	MSH4024M
INVERTER SPECIFICATIONS		
Continuous power at nominal DC voltage	3000 watts	4500 watts
Peak surge power	3900 watts	5800 watts
AC output voltage	120 VAC ± 5%	120 VAC ± 5%
AC ouput current	18 AAC	28 AAC
Peak AC output current	70 AAC	120 AAC
AC output frequency	60 Hz ± 0.05 Hz	60 Hz ± 0.05 Hz
AC output waveform	Pure sine wave	Pure sine wave
Nominal DC input voltage	12 VDC	24 VDC
Optimum efficiency	> 90%	> 93.7%
Phase	Single	Single
Topology	Low Frequency	Low Frequency
ENVIRONMENTAL SPECIFICATIONS		
Operating temperature	-20° C to +60° C (-4° F to 140° F)	
PHYSICAL SPECIFICATIONS		
Dimensions (l x w x h)	13.75" x 12.65" x 8.0" (34.9 x 32.1 x 20.3 cm)	13.75" x 12.65" x 8.0" (34.9 x 32.1 x 20.3 cm)
Weight	55 lb (24.9 kg)	55 lb (24.9 kg)
GENERAL FEATURES AND CAPABILITIES		
Warranty	Three years	
Listings	ETL listed to UL/cUL 458, CSA C22.2 No. 107.1-01	

NP SERIES INVERTER/CHARGER - 12 VOLT MODELS

Model Numbers

12NP12 • 12NP15 • 12NP18 • 12NP20 • 12NP24 • 12NP30

(Representative product photo. Chassis vary, depending on model.)

Pure Sine Wave

12 — Battery Voltage Options (other options available)

1200-3000 — Continuous Output Options in Watts (other options available)

LF — Low Frequency

The pure sine wave Dimensions NP Series Inverter/Charger from Sensata Technologies provides choices to fit your specific mobile needs. The 12 volt NP Series has output power options ranging from 1200 to 3000 watts and have an external chassis in various sizes. There truly is a model that will work where you need it (see other pages for additional voltages).

FEATURES

Power Factor Corrected
Power factor corrected charging: wet, AGM, and gel.

Wide Operating Temperature
Wide operating temperature range from 0 °F to 149 °F.

Programmable Charger
Programmable charger AC input current maximum with automatic load management regulation.

Automatic Protection
Automatic short circuit, overload, and over-temperature protection.

Built-in Relay
Built-in AC bypass relay.

Dead Battery Charging
Dead battery charging with a 0 volt minimum start.

Output Protection
Output circuit breakers.

NP SERIES SPECIFICATIONS – 12 VOLT MODELS

	12NP12	12NP15	12NP18	12NP20	12NP24	12NP30
INVERTER SPECIFICATIONS						
Continuous power at nominal DC voltage	1200 watts	1500 watts	1800 watts	2000 watts	2400 watts	3000 watts
Peak surge power	2500 watts	2500 watts	3000 watts	4500 watts	5500 watts	8000 watts
AC output voltage	120 VAC ± 3%	120 VAC ± 3%	120 VAC ± 3%	120 VAC ± 3%	120 VAC ± 3%	120 VAC ± 3%
AC ouput current	10 AAC	12.5 AAC	15 AAC	16.7 AAC	20 AAC	25 AAC
Peak AC output current	37 AAC	40 AAC	58 AAC	68 AAC	74 AAC	80 AAC
AC output frequency	60 Hz ± 0.05%	60 Hz ± 0.05%	60 Hz ± 0.05%	60 Hz ± 0.05%	60 Hz ± 0.05%	60 Hz ± 0.05%
AC output waveform	Pure sine wave	Pure sine wave	Pure sine wave	Pure sine wave	Pure sine wave	Pure sine wave
Nominal DC input voltage	12 VDC	12 VDC	12 VDC	12 VDC	12 VDC	12 VDC
Optimum efficiency	Up to 88%	Up to 88%	Up to 88%	Up to 88%	Up to 88%	Up to 88%
Phase	Single	Single	Single	Single	Single	Single
Topology	Low Frequency	Low Frequency	Low Frequency	Low Frequency	Low Frequency	Low Frequency
ENVIRONMENTAL SPECIFICATIONS						
Operating temperature	-20° C to +65° C (-4° F to 149° F)					
PHYSICAL SPECIFICATIONS						
Dimensions (l x w x h)	12.2" x 14.6" x 5.8 " (30.5 x 37.1 x 14.7 cm)	13.5"x 14.6" x 5.8" (34.3 x 37.1 x 14.7 cm)	12.2" x 14.6" x 5.8 " (30.5 x 37.1 x 14.7 cm)	12.2" x 14.6" x 5.8 " (30.5 x 37.1 x 14.7 cm)	13.5"x 14.6" x 5.8" (34.3 x 37.1 x 14.7 cm)	14.8" x 17.1"x 8" (37.6 x 43.4 x 20.3 cm)
Weight	40 lb (18.2 kg)	22 lb (10.0 kg)	27 lb (12.3 kg)	29 lb (13.2 kg)		
GENERAL FEATURES AND CAPABILITIES						
Warranty	Five years					
Listings	Listed to UL/cUL 458 E100666 UL File Number					

NP SERIES INVERTER/CHARGER - 24 VOLT MODELS

Model Numbers

24NP8V • 24NP24 • 24NP36 • 24NP36G2LNQ-095

(Representative product photo. Chassis vary, depending on model.)

Pure Sine Wave

24 — Battery Voltage Options (other options available)

800-3600 — Continuous Output Options in Watts (other options available)

LF — Low Frequency

The pure sine wave Dimensions NP Series Inverter/Charger from Sensata Technologies provides choices to fit your specific mobile needs. The 24 volt NP Series has output power options ranging from 800 to 3600 watts and have an external chassis in various sizes. There truly is a model that will work where you need it (see other pages for additional voltages).

FEATURES

Power Factor Corrected
Power factor corrected charging: wet, AGM, and gel.

Wide Operating Temperature
Wide operating temperature range from 0 °F to 149 °F.

Programmable Charger
Programmable charger AC input current maximum with automatic load management regulation.

Automatic Protection
Automatic short circuit, overload, and over-temperature protection.

Built-in Relay
Built-in AC bypass relay.

Dead Battery Charging
Dead battery charging with a 0 volt minimum start.

Output Protection
Output circuit breakers.

NP SERIES SPECIFICATIONS – 24 VOLT MODELS

	24NP8V	24NP24	24NP36
INVERTER SPECIFICATIONS			
Continuous power at nominal DC voltage	800 watts	2400 watts	3600 watts
Peak surge power	4200 watts	5500 watts	8000 watts
AC output voltage	120 VAC ± 3%	120 VAC ± 3%	120 VAC ± 3%
AC ouput current	10 AAC	20 AAC	30 AAC
Peak AC output current	35 AAC	74 AAC	95 AAC
AC output frequency	60 Hz ± 0.05%	60 Hz ± 0.05%	60 Hz ± 0.05%
AC output waveform	Pure sine wave	Pure sine wave	Pure sine wave
Nominal DC input voltage	24 VDC	24 VDC	24 VDC
Optimum efficiency	Up to 88%	Up to 88%	Up to 88%
Phase	Single	Single	Single
Topology	Low Frequency	Low Frequency	Low Frequency
ENVIRONMENTAL SPECIFICATIONS			
Operating temperature	-20° C to +65° C (-4° F to 149° F)		
PHYSICAL SPECIFICATIONS			
Dimensions (l x w x h)	12.2" x 14.5" x 5.7 " (31.0 x 36.8 x 14.5 cm)	12.2" x 14.6" x 5.8 " (31.0 x 37.1 x 14.7 cm)	13.8" x 17.1" x 8.0" (35.1 x 43.4 x 20.3 cm)
Weight	35 lb (15.9 kg)	40 lb (18.2 kg)	68 lb (30.9 kg)
GENERAL FEATURES AND CAPABILITIES			
Warranty	Two years	Five years	Five years
Listings	Listed to UL/cUL 458		

NP SERIES INVERTER/CHARGER - 48 VOLT MODELS

Model Numbers

48NP27 • 48NP36

(Representative product photo. Chassis vary, depending on model.)

Pure Sine Wave

48 — Battery Voltage Options (other options available)

2700-3600 — Continuous Output Options in Watts (other options available)

LF — Low Frequency

The pure sine wave Dimensions NP Series Inverter/Charger from Sensata Technologies provides choices to fit your specific mobile needs. The 48 volt NP Series has output power options ranging from 2700 to 3600 watts and have an external chassis in various sizes. There truly is a model that will work where you need it (see other pages for additional voltages).

FEATURES

Power Factor Corrected
Power factor corrected charging: wet, AGM, and gel.

Wide Operating Temperature
Wide operating temperature range from 0 °F to 149 °F.

Programmable Charger
Programmable charger AC input current maximum with automatic load management regulation.

Automatic Protection
Automatic short circuit, overload, and over-temperature protection.

Built-in Relay
Built-in AC bypass relay.

Dead Battery Charging
Dead battery charging with a 0 volt minimum start.

Output Protection
Output circuit breakers.

NP SERIES SPECIFICATIONS – 48 VOLT MODELS

	48NP27	48NP36
INVERTER SPECIFICATIONS		
Continuous power at nominal DC voltage	2700 watts	3600 watts
Peak surge power	5500 watts	6000 watts
AC output voltage	120 VAC ± 3%	120 VAC ± 3%
AC ouput current	22.5 AAC	30 AAC
Peak AC output current	85 AAC	100 AAC
AC output frequency	60 Hz ± 0.05%	60 Hz ± 0.05%
AC output waveform	Pure sine wave	Pure sine wave
Nominal DC input voltage	48 VDC	48 VDC
Optimum efficiency	Up to 88%	Up to 88%
Phase	Single	Single
Topology	Low Frequency	Low Frequency
ENVIRONMENTAL SPECIFICATIONS		
Operating temperature	-20° C to +65° C (-4° F to 149° F)	
PHYSICAL SPECIFICATIONS		
Dimensions (l x w x h)	13.4" x 12.0" x 5.7" (34.0 x 30.5 x 14.5 cm)	13.8" x 17.1" x 8" (35.1 x 43.4 x 20.3 cm)
Weight	42 lb (19.1 kg)	68 lb (30.9 kg)
GENERAL FEATURES AND CAPABILITIES		
Warranty	Two years	

HV SERIES INVERTER - 64 VOLT MODELS

Model Numbers

64/1000 • 64/2100 • 64/3600D • 64/6000D

See following pages for additional models

Modified Sine Wave

64 — Battery Voltage Options (other options available)

1000 - 6000 — Continuous Output Options in Watts (other options available)

LF — Low Frequency

The Dimensions HV Series inverter by Sensata Technologies provides power in a high voltage environment, from 64 - 300 VDC (see other pages for additional voltages).

FEATURES

- Thermally controlled cooling fan
- Remote ON/OFF switch hookup
- Enclosed AC and DC cable connections
- LED indication for Inverter power, Low input voltage, High temperature, & Overload
- Optional Transfer Relay "T" or "T1"
- Automatic electronic short circuit/ overload protection
- Automatic over temperature shutdown
- Output circuit breakers
- Automatic low battery shutdown with inrush delay

HV SERIES SPECIFICATIONS - 64 VDC MODELS

	64/1000	64/2100
INVERTER SPECIFICATIONS		
Continuous power at nominal DC voltage	1000 watts	2100 watts
Peak surge power	3000 watts	6480 watts
AC output voltage	120 VAC ± 5%	120 VAC ± 5%
AC ouput current	8 AAC	18 AAC
Peak AC output current	25 AAC	54 AAC
AC output frequency	60 Hz ± 0.02%	60 Hz ± 0.02%
AC output waveform	Modified sine wave	Modified sine wave
Nominal DC input voltage	64 VDC	64 VDC
Optimum efficiency	> 88%	> 88%
Phase	Single	Single
Topology	Low Frequency	Low Frequency
ENVIRONMENTAL SPECIFICATIONS		
Operating temperature	-20° C to +40° C (-4° F to 104° F)	
PHYSICAL SPECIFICATIONS		
Dimensions (l x w x h)	15.5" x 16" x 17.5" (39.4 x 40.6 x 44.5 cm)	15.5" x 16" x 17.5" (39.4 x 40.6 x 44.5 cm)
Weight	40 lb (18.2 kg)	50 lb (22.7 kg)
GENERAL FEATURES AND CAPABILITIES		
Warranty	Two years	

HV SERIES INVERTER - 125 VOLT MODELS

Model Numbers

125/750 • 125/1500 • 125/2500 • 125/3500 • 125/6000

See previous and following pages for additional models

Modified Sine Wave

125 — Battery Voltage Options (other options available)

750 - 6000 — Continuous Output Options in Watts (other options available)

LF — Low Frequency

The Dimensions HV Series inverter by Sensata Technologies provides power in a high voltage environment, from 64 - 300 VDC (see other pages for additional voltages).

FEATURES

- Thermally controlled cooling fan
- Remote ON/OFF switch hookup
- Enclosed AC and DC cable connections
- LED indication for Inverter power, Low input voltage, High temperature, & Overload
- Optional Transfer Relay "T" or "T1"
- Automatic electronic short circuit/ overload protection
- Automatic over temperature shutdown
- Output circuit breakers
- Automatic low battery shutdown with inrush delay

HV SERIES SPECIFICATIONS - 125 VDC MODELS

	125/750	125/1500	125/2500
INVERTER SPECIFICATIONS			
Continuous power at nominal DC voltage	750 watts	1500 watts	2500 watts
Peak surge power	2160 watts	4560 watts	7560 watts
AC output voltage	120 VAC ± 5%	120 VAC ± 5%	120 VAC ± 5%
AC ouput current	6 AAC	13 AAC	21 AAC
Peak AC output current	18 AAC	38 AAC	63 AAC
AC output frequency	60 Hz ± 0.02%	60 Hz ± 0.02%	60 Hz ± 0.02%
AC output waveform	Modified sine wave	Modified sine wave	Modified sine wave
Nominal DC input voltage	125 VDC	125 VDC	125 VDC
Optimum efficiency	> 88%	> 88%	> 88%
Phase	Single	Single	Single
Topology	Low Frequency	Low Frequency	Low Frequency
ENVIRONMENTAL SPECIFICATIONS			
Operating temperature	-20° C to +40° C (-4° F to 104° F)		
PHYSICAL SPECIFICATIONS			
Dimensions (l x w x h)	15.5" x 16" x 17.5" (39.4 x 40.6 x 44.5 cm)	15.5" x 16" x 17.5" (39.4 x 40.6 x 44.5 cm)	15.5" x 16" x 17.5" (39.4 x 40.6 x 44.5 cm)
Weight	33 lb (15 kg)	44 lb (20 kg)	55 lb (25 kg)
GENERAL FEATURES AND CAPABILITIES			
Warranty	Two years		

HV SERIES INVERTER - 250 VOLT MODELS

Model Numbers

250/1000 • 250/2000 • 250/3000D • 250/5000D • 250/7000D • 250/9000D

See previous and following pages for additional models

Modified Sine Wave

250 — Battery Voltage Options (other options available)

1000 - 9000 — Continuous Output Options in Watts (other options available)

LF — Low Frequency

The Dimensions HV Series inverter by Sensata Technologies provides power in a high voltage environment, from 64 - 300 VDC (see other pages for additional voltages).

FEATURES

- Thermally controlled cooling fan
- Remote ON/OFF switch hookup
- Enclosed AC and DC cable connections
- LED indication for Inverter power, Low input voltage, High temperature, & Overload
- Optional Transfer Relay "T" or "T1"
- Automatic electronic short circuit/ overload protection
- Automatic over temperature shutdown
- Output circuit breakers
- Automatic low battery shutdown with inrush delay

HV SERIES SPECIFICATIONS - 250 VDC MODELS

	250/1000	250/2000	250/3000D	250/5000D	250/7000D
INVERTER SPECIFICATIONS					
Continuous power at nominal DC voltage	1000 watts	2000 watts	3000 watts	5000 watts	7000 watts
Peak surge power	2880 watts	5760 watts	9000 watts	18000 watts	21000 watts
AC output voltage	120 VAC ± 5%	120 VAC ± 5%	120 VAC ± 5%	120 VAC ± 5%	120 VAC ± 5%
AC ouput current	8 AAC	16 AAC	25 AAC	42 AAC	58 AAC
Peak AC output current	24 AAC	48 AAC	75 AAC	150 AAC	175 AAC
AC output frequency	60 Hz ± 0.02%	60 Hz ± 0.02%	60 Hz ± 0.02%	60 Hz ± 0.02%	60 Hz ± 0.02%
AC output waveform	Modified sine wave	Modified sine wave	Modified sine wave	Modified sine wave	Modified sine wave
Nominal DC input voltage	250 VDC	250 VDC	250 VDC	250 VDC	250 VDC
Optimum efficiency	> 88%	> 88%	> 88%	> 88%	> 88%
Phase	Single	Single	Single	Single	Single
Topology	Low Frequency	Low Frequency	Low Frequency	Low Frequency	Low Frequency
ENVIRONMENTAL SPECIFICATIONS					
Operating temperature	-20° C to +40° C (-4° F to 104° F)				
PHYSICAL SPECIFICATIONS					
Dimensions (l x w x h)	15.5" x 16" x 17.5" (39.4 x 40.6 x 44.5 cm)	15.5" x 16" x 17.5" (39.4 x 40.6 x 44.5 cm)	16" x 17" x 10" (40.6 x 43.2 x 25.4 cm)	18" x 20" x 12.5" (45.7 x 50.8 x 31.8 cm)	18" x 20" x 12.5" (45.7 x 50.8 x 31.8 cm)
Weight	44 lb (20 kg)	55 lb (25 kg)	65 lb (29.5 kg)	110 (50 kg)	125 (56.8 kg)
GENERAL FEATURES AND CAPABILITIES					
Warranty	Two years				

HV SERIES - 250 VOLT SURGE SUPPRESSOR

Model Numbers
ADI-250/SUP

See previous and following pages for additional HV Series models

Modified Sine Wave

250 — Battery Voltage Options

NA — Continuous Output Options in Watts

NA — High or Low Frequency

The Model ADI-250/SUP is a single stage, high energy clamping protector.

The purpose is to clamp high voltage pulses occurring on the 250 volt DC bus to a predictable level to protect downstream electronics. The primary source of this transient energy occurs when turning off inductive loads such as DC lifting magnets. The magnitude can be a few thousand volts for milliseconds.

FEATURES

- Selenium surge suppressor for superior conductivity
- Response time in nanoseconds to protect sensitive electronics
- Instant recovery
- Steel, NEMA-rated enclosure for maximum durability

HV SERIES SPECIFICATIONS - 250 VDC SURGE SUPPRESSOR

	ADI-250/SUP
SUPPRESSOR SPECIFICATIONS	
Response time	Nanoseconds
Maximum continuous DC voltage	337.5
Dissipation	50 W normal mode
Capacitance	48 uFd normal mode
Maximum clamping voltage	900 volts Fail at 200A for 300 us
Safe (short)	60A fuse opens
Energy dissipation	100,000 joules peak
ENVIRONMENTAL SPECIFICATIONS	
Operating temperature	-20° C to +40° C (-4° F to 104° F)
PHYSICAL SPECIFICATIONS	
Dimensions (l x w x h)	10" x 16" x 20" (25.4 x 40.6 x 50.8 cm)
Weight	50 lb (22.7 kg)
GENERAL FEATURES AND CAPABILITIES	
Warranty	Two years

HV SERIES INVERTER - 300 VOLT MODELS

Model Numbers

300/1000 • 300/2000 • 300/3000D • 300/7000D

See previous pages for additional models

Modified Sine Wave

300 — Battery Voltage Options (other options available)

1000 - 7000 — Continuous Output Options in Watts (other options available)

LF — Low Frequency

The Dimensions HV Series inverter by Sensata Technologies provides power in a high voltage environment, from 64 - 300 VDC (see other pages for additional voltages).

FEATURES

- Thermally controlled cooling fan
- Remote ON/OFF switch hookup
- Enclosed AC and DC cable connections
- LED indication for Inverter power, Low input voltage, High temperature, & Overload
- Optional Transfer Relay "T" or "T1"
- Automatic electronic short circuit/ overload protection
- Automatic over temperature shutdown
- Output circuit breakers
- Automatic low battery shutdown with inrush delay

HV SERIES SPECIFICATIONS - 300 VDC MODELS

	300/3000D	300/9000D
INVERTER SPECIFICATIONS		
Continuous power at nominal DC voltage	3000 watts	9000 watts
Peak surge power	9000 watts	27000 watts
AC output voltage	120 VAC ± 5%	120 VAC ± 5%
AC ouput current	25 AAC	75 AAC
Peak AC output current	75 AAC	225 AAC
AC output frequency	60 Hz ± 0.02%	60 Hz ± 0.02%
AC output waveform	Modified sine wave	Modified sine wave
Nominal DC input voltage	300 VDC	300 VDC
Optimum efficiency	> 88%	> 88%
Phase	Single	Single
Topology	Low Frequency	Low Frequency
ENVIRONMENTAL SPECIFICATIONS		
Operating temperature	-20° C to +40° C (-4° F to 104° F)	
PHYSICAL SPECIFICATIONS		
Dimensions (l x w x h)	16" x 17" x 10" (40.6 x 43.2 x 25.4 cm)	18" x 20" 12.5" (45.7 x 50.8 x 31.8 cm)
Weight	65 lb (29.5 kg)	150 lb (68.2 kg)
GENERAL FEATURES AND CAPABILITIES		
Warranty	Two years	

3PH SERIES INVERTER

Model Numbers

24TX60 • 24TV60V • 24/6000H-3PH • 24/12000H-3PH

(Representative product photo. Chassis vary, depending on model.)

Pure sine wave 3-phase inverters are also available

Modified Sine Wave

24 — Battery Voltage Options

6000-12000 — Continuous Output Options in Watts

LF — Low Frequency

FEATURES

- Three phase, quasi-sine wave with single pulse per phase, pulse width modulated
- Ventless cover for moisture and dust resistance
- Will withstand vibrating environment
- Enclosed AC to DC cable connections with strain relief
- Elapsed time hour meter
- Remote On/Off switch hookup (12 VDC input)
- Battery voltage indicator with push-to-test
- Thermally-controlled AC cooling fan
- Automatic electronic short circuit/overload protection
- Automatic high temperature shutdown
- Automatic low battery shutdown at 21 VDC (with inrush delay)
- Output circuit breaker
- LED indicators for inverter power, low input voltage, high temperature, overload
- TX Chassis meets NEMA 4X

3PH SERIES INVERTER SPECIFICATIONS

	24TX60	24TV60V	24/6000H-3PH	24/12000H-3PH
INVERTER SPECIFICATIONS				
Continuous power at nominal DC voltage	6000 watts	6000 watts	6000 watts	12000 watts
Peak surge power	8800 watts	8800 watts	8800 watts	19800 watts
AC output voltage	220 Y / 120 VAC	220 Y / 120 VAC	220 Y / 120 VAC	220 Y / 120 VAC
AC ouput current	16 AAC	16 AAC	16 AAC	32 AAC
Peak AC output current	40 AAC	40 AAC	40 AAC	90 AAC
AC output frequency	60 Hz ± 0.05%	60 Hz ± 0.05%	60 Hz ± 0.05%	60 Hz ± 0.05%
AC output waveform	Modified sine wave	Modified sine wave	Modified sine wave	Modified sine wave
Nominal DC input voltage	24 VDC	24 VDC	24 VDC	24 VDC
Optimum efficiency	Up to 85%	Up to 85%	Up to 85%	Up to 85%
Phase	3-Phase	3-Phase	3-Phase	3-Phase
Topology	Low Frequency	Low Frequency	Low Frequency	Low Frequency
ENVIRONMENTAL SPECIFICATIONS				
Operating temperature	-18° to 40° C (0° to 104° F)			
PHYSICAL SPECIFICATIONS				
Dimensions (l x w x h)	18.4" x 27.2" x 10.8" (46.7 x 69.1 x 27.4 cm)	17.75" x 26.5" x 11" (45.1 x 67.3 x 27.9 cm)	17.75" x 26.5" x 11" (45.1 x 67.3 x 27.9 cm)	17.75" x 26.5" x 11" (45.1 x 67.3 x 27.9 cm)
Weight	164 lb (74.5 kg)	137 lb (62.3 kg)	137 lb (62.3 kg)	170 lb (77.3 kg)
GENERAL FEATURES AND CAPABILITIES				
Warranty	One year			

ACCESSORIES

AUTOMATIC GENERATOR START MODULE (AGS)

Model Numbers
- ME-AGS-S
- ME-AGS-N

Works With
- ME Series Inverter/Charger
- MS Series Inverter/Charger
- MSH-M Series Inverter/Charger

The ME-AGS-S does not require an inverter/charger.

Automatically start and stop your generator using multiple parameters. Does not interfere with manual starting and stopping.

The stand alone version of the AGS (ME-AGS-S) works well for installation and operation without an inverter. The network version of the AGS (ME-AGS-N) allows operation of the AGS via the ME-RC50 remote panel.

BATTERY MONITOR KIT (ME-BMK)

Model Numbers
- ME-BMK
- ME-BMK-NS (no shunt)

Works With
- ME Series Inverter/Charger
- MS Series Inverter/Charger
- MSH-M Series Inverter/Charger

Monitoring your battery bank is easy with the Battery Monitor Kit (ME-BMK). Acting as a "fuel gauge" for your batteries, the ME-BMK monitors their state of charge (SOC) and then provides this information in an easy-to-understand display via the ME-RC or ME-ARC remotes. With accurate SOC readings, you can avoid unnecessary battery recharging, saving on fuel and long-term maintenance costs.

THE MAGWEB: WEB MONITORING KIT

Model Numbers
- ME-MW-W (wireless)
- ME-MW-E (ethernet)

Works With
- ME Series Inverter/Charger
- MM Series Inverter/Charger
- MMS Series Inverter/Charger
- MS Series Inverter/Charger
- MSH-M Series Inverter/Charger

The Magnum Series MagWeb is a powerful and cost effective tool for remotely monitoring Magnum Series Inverters and Accessories. The MagWeb provides live Internet monitoring of the inverter, battery monitor, and automatic generator start module. Using your always on Internet connection, the MagWeb makes live and historical conditions available to you through a web browser at **data.magnumenergy.com**.

SMART BATTERY COMBINER (ME-SBC)

Model Numbers
- ME-SBC

Works With
- ME Series Inverter/Charger
- MS Series Inverter/Charger
- MSH-M Series Inverter/Charger

The ME-SBC also works as a stand-alone unit.

The Magnum Series Smart Battery Combiner (ME-SBC) is an easy-to-use stand alone battery combiner and isolator for 12 and 24 VDC systems. Apply a single charging source to the main battery bank and the ME-SBC charges a second battery bank using a portion of the current. With adjustable voltage ranges, including automatic on/off setpoints, the ME-SBC prevents under- or over-charging.

REMOTES - NP-LCD & NP-SEVEN SEGMENT

Model Numbers
- NP-LCD: 141522
- NP-7SEG: 141512-1

Works With
- NP Series Inverter/Charger

These easy-to-read Remotes are designed to work seamlessly with the NP Series Inverter/Chargers, giving you even more control over your system setup.

REMOTE - ME-ARC

Model Numbers
- ME-ARC50
  Includes ME-RC-BZ bezel

Works With
- ME Series Inverter/Charger
- MM Series Inverter/Charger
- MMS Series Inverter/Charger
- MS Series Inverter/Charger
- MSH-M Series Inverter/Charger

This advanced feature remote offers the same simple push button operation of the ME-RC with advanced features and setup menus. The ME-ARC features a ***Favs*** button for storing up to five of your favorite setup menus, a ***Control*** button for fast easy control of the inverter, charger, and generator, meter button with AC and DC meters, advanced setup menus, and advanced tech menus.

REMOTE - ME-RC

Model Numbers
- ME-RC50

Works With
- ME Series Inverter/Charger
- MM Series Inverter/Charger
- MMS Series Inverter/Charger
- MS Series Inverter/Charger
- MSH-M Series Inverter/Charger

Accessories
- Remote Bezel

The ME-RC is designed to be simple to use while offering multiple functions in one place.

- Easy-to-read with a large LCD screen and at-a-glance LED display
- Critical settings are saved even if the power is disconnected
- The ME-RC offers multiple functions in one place

REMOTES - MM-R & MM-RC

Model Numbers
- MM-R25
- MM-RC25

Works With
- ME Series Inverter/Charger
- MM Series Inverter/Charger
- MMS Series Inverter/Charger

The low-cost, easy-to-read MM-R and MM-RC Remotes are designed to work with the Magnum Series MM and MMS Inverter/Chargers.

REMOTE - ME-MR

Model Numbers
- ME-MR

Works With
- ME Series Inverter/Charger
- MM Series Inverter/Charger
- MMS Series Inverter/Charger
- MS Series Inverter/Charger
- MSH-M Series Inverter/Charger

- This remote offers simple inverter/charger monitoring and basic control
- Easy-to-read LCD screen and at-a-glance LED displays
- Customize basic operating parameters to your Magnum-Dimensions inverter/charger

REMOTE SWITCH - CSW-RS

Model Numbers
- CSW-RS

Works With
- ME-CSW Series Inverter

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

TRANSFER SWITCH

Model Numbers
- CSW-TS15

Works With
- ME-CSW Inverter

Use the optional 15 amp CSW-TS15 transfer switch to automatically switch AC load connections between utility/generator power and the AC output of the ME-CSW Inverter.

IGNITION SWITCH ADAPTER

Model Numbers
- CSW-ISA

Works With
- CSW Inverter
- CMW Inverter

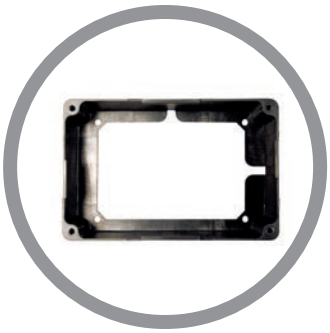
The Ignition Switch Adapter is a pigtail adapter designed to automatically turn off the inverter via a vehicle ignition switch.

REMOTE BEZEL - ME-RC-BZ

Model Numbers
- ME-RC-BZ

Works With
- ME-RC

Mounting bezel for the ME-RC remote, allowing the ME-RC to be surface mounted.



REMOTE SWITCH KITS

These remote switch kits make turning your inverter on and off a breeze. No more reaching into awkward spaces. Install in an easy-to-reach location.

MODEL NUMBER	DESCRIPTION	
611613	Remote lighted rocker switch kit - 14′ cable with fuse (requires .75″ circular cutout)	
611348	Remote lighted rocker switch kit - 14′ cable with fuse (requires ..83″ x 1.45″ circular cutout)	
611522	Remote switch panel kit - 14′ cable with fuse (panel mounts into standard electrical box)	
611975	Remote lighted rocker switch. Flashes error codes. **Works With** LP10 Inverter	

FUSE HOLDERS & FUSES

Our standard fuse holder and bracket will house all of our fuse offerings.

See each fuse rating for the specific models the fuse will work with.

MODEL NUMBER	DESCRIPTION	
ME-125F ME-200F	**Works With** MM Inverter/Charger MMS Inverter/Charger	
ME-300F ME-400F	**Works With** ME Inverter/Charger MS Inverter/Charger MSH-M Inverter/Charger	
431021	Fuse holder and cover with nuts	
141322	Fuse holder bracket	
430020	Fuse, Bussman ANN-50, 50A	
430007	Fuse, Bussman ANN-80, 80A	
430018	Fuse, Bussman ANN-100, 100A	
430052	Fuse, Bussman ANN-150, 150A	
430010	Fuse, Bussman ANN-200, 200A	
430011	Fuse, Bussman ANN-250, 250A	
430012	Fuse, Bussman ANN-300, 300A	
430054	Fuse, Bussman ANN-350, 350A	
430019	Fuse, Bussman ANN-400A, 400A	
430060	Fuse, Bussman ANN-500A, 500A	
430067	Fuse, Bussman ANN-600, 600A	
430068	Fuse, Bussman ANN-800, 800A	

CIRCUIT BREAKERS

FDLS thermal circuit breakers available from 50 amps to 150 amp options.

Circuit breakers do not require an inverter to work.

MODEL NUMBER	DESCRIPTION	
FDLS-50-1	Thermal circuit breaker - 50A	
FDLS-60-1	Thermal circuit breaker - 60A	
FDLS-80-1	Thermal circuit breaker - 80A	
FDLS-100-1	Thermal circuit breaker - 100A	
FDLS-120-1	Thermal circuit breaker - 120A	
FDLS-150-1	Thermal circuit breaker - 150A	

BATTERY BOXES & VENT KITS

Auxiliary batteries need to be boxed in a separate compartment from the inverter and vented.

Battery boxes do not require an inverter to work.

BATTERY BOXES		
MODEL NUMBER	DESCRIPTION	
140000	Single 8D - Dimensions (l x w x h): 24.5" x 15" x 14.5" (62.2 x 38.1 x 36.8 cm)	
140003	Dual 8D - Dimensions (l x w x h): 28" x 24.5" x 14.5" (71.1 x 62.2 x 36.8 cm)	
140004	Single 31 - Dimensions (l x w x h): 13.375" x 7.5625" x 10.75" (34 x 19.2 x 27.3 cm)	
140006	Dual 6 VDC deep cycle - Dimensions (l x w xh): 17.5" x 13" x 13.25" (44.5 x 33.0 x 33.7 cm)	
VENT KITS		
250289	Vent assembly for two battery boxes, 42"	
250018	Vent assembly for single battery box, 42"	

BATTERY ISOLATOR

Some applications may require an isolator when incorporating auxiliary battery banks.

Battery isolators do not require an inverter to work.

MODEL NUMBER	DESCRIPTION
390007	90A Isolator Only
390008	140A Isolator Only
390009	200A Isolator Only
611716	90A Isolator with 1ft. cable assembly, 2 battery boots
611714	140A Isolator with 1ft. cable assembly, 2 battery boots
611715	200A Isolator with 1ft. cable assembly, 2 battery boots

BATTERY POST EXTENDERS

Extend the posts on your batteries to make adding cables easier.

Battery post extenders do not require an inverter to work.

MODEL NUMBER	DESCRIPTION
215044	Single Battery Post Extender

REMOTE SWITCH ADAPTER

Model Numbers
- ME-RSA (use SPST switch)
- ME-RSA-M (use momentary switch)

Works With
- ME Inverter/Charger
- MS Inverter/Charger
- MSH-M Inverter/Charger

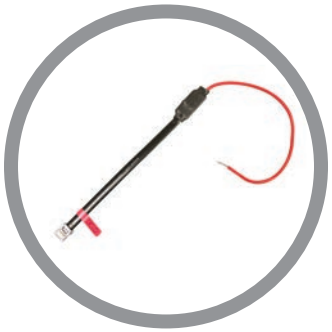
The Remote Switch Adapter is a pigtail adapter designed to provide a simple on/off remote switch.

DC LOAD DISCONNECT

Model Numbers
- ME-DCLD
- MM-DCLD

Works With
- **ME-DCLD only**
  ME Series Inverter/Charger
  MS Series Inverter/Charger
  MSH-M Series Inverter/Charger
- **MM-DCLD only**
  MM Series Inverter/Charger
  MMS Series Inverter/Charger

The DC Load Disconnect is a pigtail adapter designed to automatically turn off the inverter via a 12 volt DC disconnect switch.



IGNITION SWITCH LOCKOUT

Model Numbers
- ME-ISW
- ME-ISA - Ignition Switch Adapter allows the inverter to be turned on/off with a 12 volt signal

Works With
- ME Inverter/Charger
- MS Inverter/Charger
- MSH-M Inverter/Charger

The Ignition Switch Lockout is a pigtail adapter designed to automatically turn off the inverter via a vehicle ignition switch.

INTERCONNECTS

Dual and quad interconnect options and interconnect cables with extra terminals.

Interconnects do not require an inverter to work.

MODEL NUMBER	DESCRIPTION
611296	Dual 8D Interconnect - 12 VDC configuration
611293	Quad 6 VDC Interconnect - 12 VDC configuration
611178	Interconnect cable with extra terminals

CLAMPS

Various clamps for a variety of applications to install your system with ease.

Clamps do not require an inverter to work.

MODEL NUMBER	DESCRIPTION	
215035	Negative battery post with bolt	
215036	Positive battery post with bolt	
601226	Positive and negative	
601366	Positive and positive	
601367	Negative and negative	
601377	Positive and negative	

RING TERMINALS

Install your electronics with ease with these ring terminals. With multiple ring sizes, there is a ring terminal right for your installation.

MODEL NUMBER	DESCRIPTION	
601379	Ring terminal - 5/16" on both ends	
601688	Ring terminal - 5/16" on both ends	
601412	Ring terminal - 3/8" on both ends	

CONNECTION KITS

Install your Dimensions N and LP inverter with ease with these pre-packaged kits. For additional connection kit options, contact your customer service rep. Sensata provides a complete line of kits for inverter, charger, and battery connection.

MODEL NUMBER	FUSE SIZE	GAUGE	INVERTER TERMINATION	BATTERY TERMINATION
651-02250-05	250	02	5/16" ring	None
651-02250-08	250	02	5/16" ring	None
651-02250-10	250	02	5/16" ring	None
651-02250-13	250	02	5/16" ring	None
651-02250-15	250	02	5/16" ring	None
651-02250-18	250	02	5/16" ring	None
651-02250-20	250	02	5/16" ring	None
651-04200-05	200	04	5/16" ring	None
651-04200-08	200	04	5/16" ring	None
651-04200-10	200	04	5/16" ring	None
651-04200-13	200	04	5/16" ring	None
651-04200-15	200	04	5/16" ring	None
651-04200-18	200	04	5/16" ring	None
651-04200-20	200	04	5/16" ring	None
653-02250-05	250	02	5/16" ring	3/8" ring

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