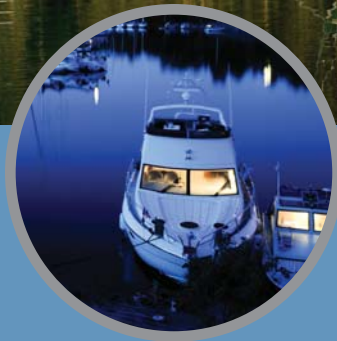


MAGNUM DIMENSIONS



RELIABLE MOBILE POWER
WHEREVER YOU ARE

INVERTERS • INVERTER/CHARGERS • ACCESSORIES


Sensata
Technologies

The World Depends on Sensors and Controls

HYBRID INVERTER/CHARGERS



MSH-M SERIES HYBRID INVERTER/CHARGER

Waveform	Pure Sine Wave	Continuous Output	3000 and 4000 VA output available
Battery Voltage	12 and 24 volt battery voltage	Model Numbers	MSH3012M, MSH4024M
Continuous Charger Output	MSH3012M: 125 ADC, MSH4024M: 110 ADC		
Ideal For	Marine Systems, RV Systems, Trucks		

- True hybrid technology pulls power from multiple sources to power loads
- Power factor corrected (PFC) charger
- Load support allows inverter to run larger loads from smaller generators
- Listed to UL/cUL 458 and CSA C22.2 #107.1-01

INVERTER/CHARGERS



MS SERIES INVERTER/CHARGER

Waveform	Pure Sine Wave	Continuous Output	2000, 2800, and 4000 VA output available
Battery Voltage	12, 24, and 48 volt battery voltage	Model Numbers	MS2000, MS2000-15B, MS2000-20B, MS2012, MS2012-15B, MS2012-20B, MS2024, MS2812, MS4024 (series stackable), MS4048
Continuous Charger Output	MS2000: 100 ADC, MS2012: 100 ADC, MS2024: 60 ADC, MS2812: 125 ADC, MS4024: 105 ADC		
Ideal For	Marine Systems, RV Systems, Trucks		

- Power factor corrected (PFC) charger
- MS2012-15B and MS2012-20B come with a 15 and 20 amp breaker, respectively
- Listed to UL/cUL 458 and CSA C22.2 #107.1-01
- Lightweight aluminum base and cover provides noise reduction and corrosion resistance



MMS SERIES INVERTER/CHARGER

Waveform	Pure Sine Wave	Continuous Output	1000 VA output available
Battery Voltage	12 volt battery voltage	Model Numbers	MMS1012, MMS1012-G
Continuous Charger Output	MMS1012: 50 ADC, MMS:1012-G		
Ideal For	EMS, Marine Systems, RV Systems, Trucks		

- Power factor corrected (PFC) charger
- Listed to UL/cUL 458 and CSA C22.2 #107.1-01
- On/off front-mounted switch and easy-to-read LED indicator
- The MMS1012-G comes with a GFCI outlet and 3 ft. cord



MM SERIES INVERTER/CHARGER

Waveform	Modified Sine Wave	Continuous Output	600 and 1200 VA output available
Battery Voltage	12 volt battery voltage	Model Numbers	MM612 (inverter only), MM1212
Continuous Charger Output	MM1212: 70 ADC		
Ideal For	Marine Systems, RV Systems, Trucks		

- Standard 20 amp transfer relay
- Listed to UL/cUL 458 and CSA C22.2 #107.1-01
- High/low battery protection
- Current overload protection
- Lightweight, hourglass case



ME SERIES INVERTER/CHARGER

Waveform	Modified Sine Wave	Continuous Output	2000, 2500, and 3000 VA output available
Battery Voltage	12 volt battery voltage	Model Numbers	ME2012, ME2012-20B, ME2512, ME3112
Continuous Charger Output	ME2012: 100 ADC, ME2512: 120 ADC, ME3112: 160 ADC		
Ideal For	Marine Systems, RV Systems, Trucks		

- Power factor corrected (PFC) charger
- Listed to UL/cUL 458 and CSA C22.2 #107.1-01
- Mount the ME on a shelf, bulkhead, or even upside down
- ME2012-20B comes with a 20 amp breaker

ACCESSORIES



AUTOMATIC GENERATOR START MODULE (AGS)

- Model Numbers**
- ME-AGS-S
 - ME-AGS-N
 - The AGS will automatically start your generator based on low battery condition or the inside room temperature
 - Compatible with most major generator brands
 - The ME-AGS-S does not require an inverter/charger



BATTERY MONITOR KIT (ME-BMK)

- Model Numbers**
- ME-BMK
 - ME-BMK-NS (no shunt)
 - The ME-BMK acts as a “fuel gauge” for your batteries, monitoring their state of charge and then providing this information in an easy-to-understand display via the ME-RC or ME-ARC remotes



REMOTE - ME-RC

- Model Numbers**
- ME-RC50
 - This remote offers simple push button operation and a rotary encoder knob to quickly scroll through menus
 - Easy-to-read LCD screen and at-a-glance LED displays
 - Critical settings are saved even if the power is disconnected



SMART BATTERY COMBINER (ME-SBC)

- Model Numbers**
- ME-SBC
 - The ME-SBC is an easy-to-use stand alone battery combiner and isolator for 12 and 24 VDC systems
 - Transfers up to 25 amps
 - 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

ASK ABOUT THE EXTENDED LIST OF MAGNUM-DIMENSIONS ACCESSORIES, INCLUDING

Battery Boxes

Battery Post Extenders

Conduit Boxes

Dual 8D Interconnects

Fuse Holder Brackets

MagWeb - Web Monitoring Kit

MM-RC Remotes

Remote Switch Kits

Vent Assemblies

Battery Chargers

Circuit Breakers

CSW-RS Remote Switches

Fuses

Ignition Switch Lockouts

ME-ARC Remotes

Quad 6VDC Interconnects

Ring Terminals

Battery Isolators

Clamps

DC Load Disconnects

Fuse Blocks (Holders & Covers)

Interconnect Cables

MM-R Remotes

Remote Switch Adapters

Transfer Switches

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 MAGNUM-DIMENSIONS BRAND

The Magnum-Dimensions brand began as two well-known inverter companies, Dimensions Inverters and Magnum Energy. Dimensions Inverters joined Sensata Technologies in 2007 and Magnum Energy in 2014. Under the Magnum-Dimensions brand, 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.



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