

# ME-AGS | AUTOMATIC GENERATOR START MODULE

## AUTOMATICALLY START YOUR GENERATOR

### Introduction

Imagine being able to enjoy a day away all-the-while knowing your living space will stay cool and comfortable and your batteries will stay charged and ready for all of the activities that make up daily life. There's nothing better than returning to a nice, cool, comfortable home with charged batteries after a day away. The Auto Gen Start ME-AGS can make this happen.

The ME-AGS is compatible with most major generators, including Onan, Powertech, Generac, Westerbeke, Kohler, EPS, Northern Lights, and most portable generators with electric start. Please check with your Sensata Technologies dealer for specific model compatibility.



### Features

- Automatically start your generator – The AGS is designed to automatically start your generator based on low battery condition or the inside room temperature.
- Adjust the AGS to meet your needs – With the ME-AGS-N you can set multiple parameters for starting and stopping the generator. Using the ME-RC, the ME-AGS-N has basic adjustments starting on battery voltage or temperature. When using the ME-ARC, the ME-AGS-N has advanced start and stop features, including battery voltage, time of day, AC amps, exercise time, and SOC.\*\*
- Two models are available – 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-RC or ME-ARC remote panel.

### ME-AGS-N Features\*

- All settings are adjustable from the ME-RC and ME-ARC remotes.
- Auto start is locked out when utility power is present.
- View generator Start and Fault statuses.

### Options

- ME-AGS-N kit includes – AGS module (3 relay), 10' network cable, and a 60' remote temperature sensor cable.
- ME-AGS-S kit includes – AGS module (3 relay), Remote on/off/test switch, switch bezel, a 25' 6-wire cable, and has basic adjustments starting on battery voltage or temperature.

\*\* SOC feature requires the ME-BMK or ME-BMK-NS

### 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.

### Available Accessories

- ME-PT1
- ME-PT2

Please call and ask about our PT-1 and PT-2 pigtails for starting on demand applications.



**GENERATOR HOUR METER**

**GROUND**

**5 AMP FUSE**

**BATTERY**

**GROUND**

**MACNUM ENERGY**

**AUTO GENERATOR START Standalone Version**

Multiple voltage x2 for 24 volts, x4 for 48 volts

1 3 65 75 10 11 12 9-8 9-9 10-8  
OFF 85 OFF 12 4P OFF 11-8

RUN TIME HOURS START TEMP °F START VOLTS DC CLOCK AM/PM QUIET TIME PM/AM

STATUS READY

PUSH TO TEST

GEN AND POWER I/O 1 2 3 4 5 6 7 8

AUX AUX

REMOTE

**6 WIRE PHONE CABLE**

**MACNUM**

**Auto Gen Start**

TEST

GREEN=GEN RUN  
RED=GEN FAULT  
GRN BLINK=GEN START

**GENERATOR STOP/START SWITCH**

START  
COMM  
STOP

The diagram illustrates the wiring for the Magnum Inverter's Auto Generator Start (AGS) system. The central component is the **AUTO GENERATOR START Network Version** module by **MAGNUM ENERGY**. It features a **STATUS** light (green), a **TEST** light (red), and a **READY** light (green). The module has two rows of terminals: **GEN AND POWER I/O** (terminals 1-8) and **NETWORK REMOTE** (terminals 1-2).

The wiring connections are as follows:

- GENERATOR HOUR METER:** Connected to the **GEN AND POWER I/O** terminal 1 and **GROUND**.
- BATTERY:** Connected to the **GEN AND POWER I/O** terminal 2 through a **5 AMP FUSE**. The battery's negative terminal is connected to **GROUND**.
- INTERIOR TEMP SENSOR:** Connected to the **GEN AND POWER I/O** terminal 3 and **GROUND**.
- 4 WIRE SENSOR CABLE:** Connected to the **GEN AND POWER I/O** terminals 4-7 and **GROUND**.
- REMOTE:** Connected to the **NETWORK REMOTE** terminal 1 and **GROUND**.
- GENERATOR START/STOP SWITCH:** Connected to the **NETWORK REMOTE** terminal 2 and **GROUND**. The switch has three positions: **START**, **COMM**, and **STOP**.



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Mailing Address: Sensata Technologies, Inc., 529 Pleasant Street, Attleboro, MA 02703, USA.

## CONTACT US

651-653-7000  
800-553-6418  
[InverterInfo@sensata.com](mailto:InverterInfo@sensata.com)

**Power Conversion**  
[www.magnum-dimensions.com](http://www.magnum-dimensions.com)