



Designed for use with System Control Panel and Freedom SW 3000 Inverter/Charger

Automatically start and stop a generator as needed.

The Automatic Generator Start (AGS) is a Xanbus Enabled device that can automatically activate a generator to provide Freedom SW 3000 Inverter/Charger with power to recharge depleted batteries or assist with heavy loads. Compatible with popular generators, the AGS adds intelligence to power management and eliminates time spent monitoring batteries and inverter loads.

The AGS can be customized to suit each user's preferences. A user can define whether the generator should be activated by low battery voltage, battery state of charge, thermostat operation, or load size on the inverter. A Quiet Time setting prevents the generator from starting at inconvenient times like nightfall. LED lights display the status of the AGS, while all user defined settings are programmed through the System Control Panel.

Product Features

- ▶ Designed for use with System Control Panel and Freedom SW 3000 Inverter/Charger
- ▶ Comprehensive triggers
- ▶ User programmable quiet times and generator start & stop settings
- ▶ Built-in emergency shutdown
- ▶ Compatible with Onan, Kohler, Westerbeke, Northern Lights, Generac, and Powertech generators
- ▶ Meets UL458 Marine and RV standards
- ▶ Xanbus Enabled
- ▶ Compatible with MS and RS Series Inverter/Chargers



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Automatic Generator Start

Electrical Specifications

Communication physical layer	2, CAN
Communication protocol	Xanbus
Maximum cable length	130 ft. (40 m)

Mechanical Specifications

Unit dimensions (HxWxD)	5.75 x 3.75 x 1.5" (14.6 x 9.5 x 3.7 cm)
Unit weight	0.5 lb (0.22 kg)
Part#	809-0915
Master carton quantity	20
Master carton dimensions (HxWxD)	18 x 22 x 14 (45.8 x 55.9 x 35.6 cm)
Master carton weight	40.3 lb (18.32 kg)
Connectors	2 x Xanbus: RJ45-8 pins 20-contact pluggable connector (Tyco Mate 'n' Lok 2 connector)

Environmental Specifications

Operating temperature	-4 to 122°F (-20 to 50°C)
Storage temperature	-40 to 185°F (-40 to 85 °C)
Ignition protection	None

Regulatory Compliance

Safety	CSA certified to CSA 107.1-01 and UL 458 including Marine Supplement
EMC	FCC part 15B Class B Industry Canada ICES-0003 Class B

Note: Specifications subject to change without notice.

