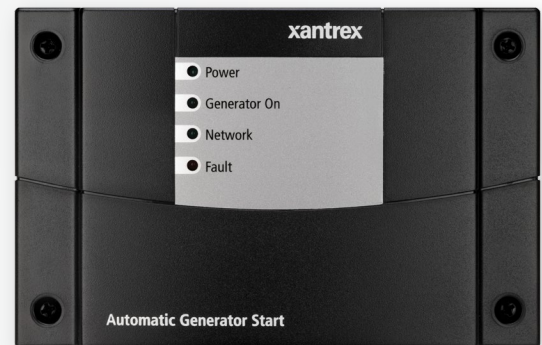


# Xanbus Automatic Generator Start (AGS)

POWER ACCESSORY

**xantrex**<sup>™</sup>  
Smart choice for power<sup>™</sup>

**Automatically starts and stops generator when power is needed!**



The Xanbus Automatic Generator Start (AGS) is a control module that automatically activate a generator to provide Freedom SW Inverter/Charger\* with power to recharge depleted batteries or assist with heavy loads. Having an AGS in your system means that power is available and battery banks are charged automatically so you do not have to spend time monitoring power consumption. 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 Xanbus System Control Panel (SCP).

The AGS is configured and controlled by the Xanbus System Control Panel (SCP). The SCP provides you with comprehensive control of your AGS through a user friendly interface that is easy to understand and operate.

## Product Features

- » External input signal for emergency shutdown option
- » Quiet time periods can be set to avoid inappropriate generator operation
- » Dual thermostat input available to control up-to two air conditioners
- » Activated by battery voltage, state of charge or inverter load current
- » Compatible with most popular generators

\*New AGS (part# 809-0915) applies to the new generation Freedom SW Inverter/Chargers, part# 815-2012 and 815-3012 Use AGS (part# 809-0916) for the first generation Freedom SW 3000 Inverter/Charger, part# 815-3000.

## Applications:



Recreational vehicles



[Marine](#)



Heavy duty trucks



Work vehicles



Buses / coaches



Specialty vehicles

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## 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" (146 x 95 x 37 mm)
Unit weight	0.5 lb (0.22 kg)
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)
Part number	809-0915 (for new generation Freedom SW (part# 815-2012 & 815-3012) 809-0916 (for previous generation Freedom SW 3000 (part# 815-3000))

## 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.