

Xanbus™ AUTOMATIC GENERATOR START

Automatically Starts & Stops Generator When Power is Needed

The New 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.

*Important Note

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

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

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ENABLED

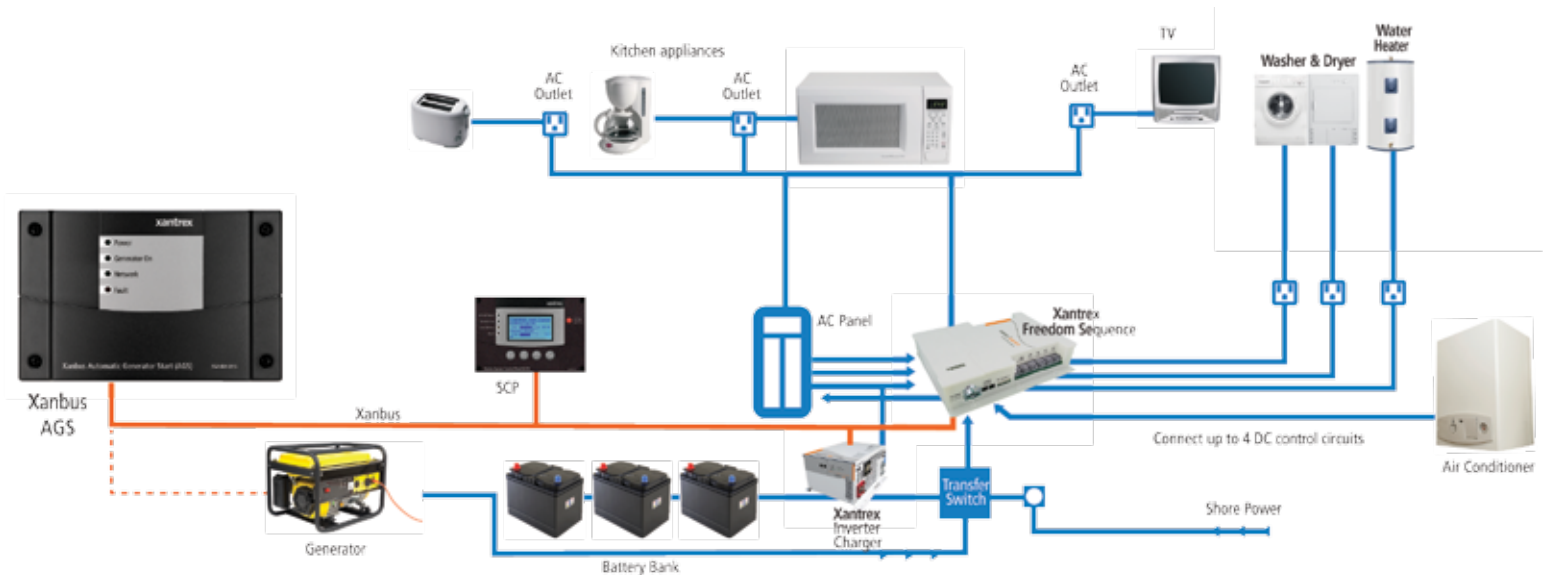
Xantrex Technology Inc.

3700 Gilmore Way
Burnaby, British Columbia
Canada V5G 4M1
800 670 0707 Toll Free
604 420 1591 Fax

541 Roske Drive, Suite A
Elkhart, Indiana
USA 46516
800 446 6180 Toll Free
574 294 5989 Fax

Xanbus™ Automatic Generator Start (AGS)

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 (for new generation Freedom SW (part# 815-2012 & 815-3012) 809-0916 (for previous generation Freedom SW 3000 (part# 815-3000))
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