Xanbus System Control Panel (SCP)

Xanbus™
SYSTEM CONTROL PANEL

Monitor, Control and Configure your Xantrex Power System

The Xanbus System Control Panel (SCP) provides comprehensive set-up and control of your Xantrex power system including Freedom SW Inverter/Charger*, Energy Management System** (EMS) and Automatic Generator Start (AGS). The SCP is an intuitive, easy to use interface of a Xanbus-Enabled power management system, connecting devices together and allowing them to transfer information, share controls and coordinate actions.

Working with other industry leaders, Xantrex developed Xanbus, a networking protocol compatible with many common devices. Xanbus was designed to enable software upgrades so that your Xantrex power management system can accommodate new devices and functionality now and in the future.

The Xanbus System Control Panel (SCP) is available in two versions
▸ Part# 809-0910 for the first generation Freedom SW 3000 (815-3000) Inverter/Chargers
▸ Part# 809-0921 for Freedom SW 2012 (815-2012) & Freedom SW 3012 (815-3012) Inverter/Chargers

Note: Make sure that you check your inverter/charger part# before ordering SCP. The two models of SCP use different firmware and are not interchangeable.

Monitor
▸ Battery voltage, current & temperature
▸ AC voltage, current & frequency
▸ Inverter/charger status
▸ Generator status*
▸ Diagnostic information
▸ Power Management System (Freedom Sequence)

Control
▸ Inverter/charger operation
▸ Power sharing
▸ Load sensing
▸ Generator starting*
▸ Power Management System (Freedom Sequence)

Configure
▸ Battery type & bank size
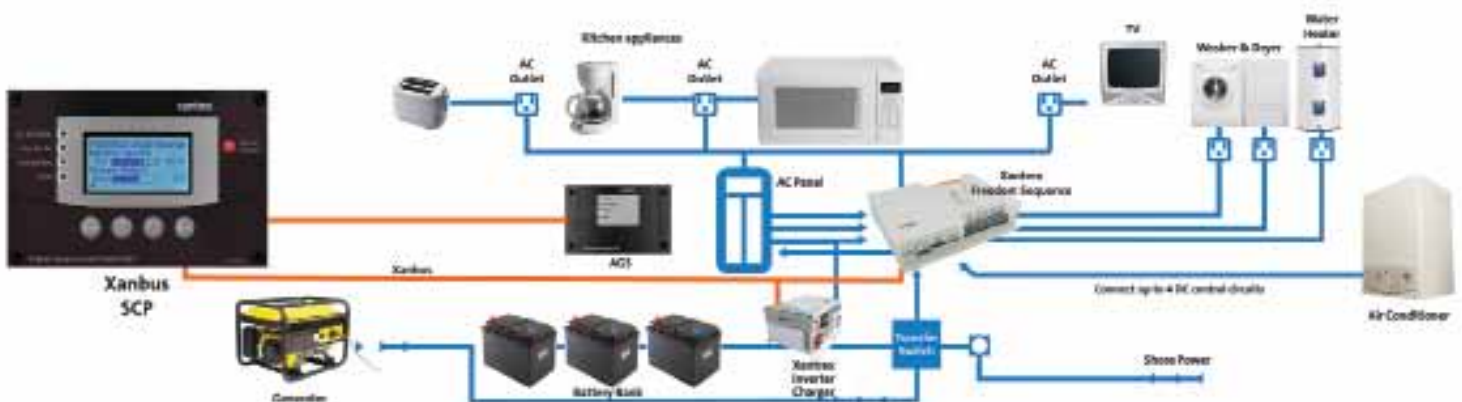▸ Inverter/charger settings
▸ Generator start & stop triggers*

* Requires Xanbus Automatic Generator Start (AGS), Part# 809-0915

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E N A B L E D

Xanbus™ System Control Panel (SCP)

Electrical Specifications	
Display	dot matrix 128 x 64 LCD with white LED backlight

Mechanical Specifications	
Dimensions (HxWxD)	6 x 4 x 1 9/16″ (152 x 103 x 40 mm)
Weight	0.46 lb (207 kg)
Part#	809-0921

Environmental Specifications	
Operating Temperature	-4 to 122°F (-20 to 50°C)
Storage Temperature	-40 to 185°F (-40 to 85 °C)

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

General Specifications	
Part Number	# 809-0910 for Freedom SW 2000 (# 815-2000) and Freedom SW 3000 (# 815-3000)
	# 809-0921 for Freedom SW 2012 (# 815-2012) and Freedom SW 3012 (# 815-3012)

Typical Xanbus SCP Installation Illustration

Note: Specifications subject to change without notice