Conext Automatic Generator Start

Automatically start and stop a generator to meet power needs

The Conext™ Automatic Generator Start (AGS) can automatically activate or stop a generator in response to changing power requirements. An excellent addition to an off-grid or backup power system, the AGS seamlessly connects to the Xanbus™ network and shares status information with all other devices on the network. It can monitor a set of system user-programmable parameters such as battery voltage, state of charge or grid power and can activate the generator in response to any changes. The AGS can also be configured remotely using the Conext System Control Panel (SCP) or Conext ComBox to engage a generator, and can assist an inverter/charger when output power demands are high.

Why choose Automatic Generator Start?

True bankability
- Warranty from a trusted partner with 178 years of experience
- World leader in industrial power drives, UPS and electrical distribution
- Strong service infrastructure worldwide to support your global needs

Higher return on investment
- Integrate with an inverter/charger to maximize system power performance

Designed for reliability
- Tested and qualified for harsh environmental conditions (HALT reliability testing)

Flexible
- Works with multiple Xanbus devices - Conext XW/XW+, SW, MPPT 60-150, MPPT 80-600, SCP, ComBox
- User-programmable trigger settings to meet specific application needs
  - Battery voltage
  - SOC
  - Exercise time
  - Quiet time
  - Inverter / charger AC power loads
- Supports manual start and stop operation modes

Easy to service
- Access and troubleshoot AGS device events using the Conext ComBox or SCP
- Easily upgrade new firmware to the AGS using the ComBox

Easy to install
- Wall mount
- RJ45 connections for Xanbus network cables

Product applications

Backup power

Residential grid-tie solar with backup power

off-grid solar

Community electrification

Device short name	Conext Automatic Generator Start
Electrical specifications	
Nominal input network voltage	15 Vdc
Max. operating current	200 mA @ nominal input network voltage
Relay contact voltage rating	12 Vdc, 30 Vdc max*
Max. relay contact current	5 A DC*
Nominal 12/24 V thermostat input voltage	12 Vdc / 24 Vdc* = On
Min. 12/24 V thermostat input voltage	9.5 Vdc*
Max. 12/24 V thermostat input voltage	30 Vdc*
Typical 12/24 V thermostat input current	14.6 mA @ 12 V
Nominal 12/24 V generator running B+ voltage	12 Vdc / 24 Vdc* = On
Min. 12/24 V generator running B+ voltage	9.5 Vdc*
Max. 12/24 V generator running B+ voltage	30 Vdc*
Typical 12/24 V generator running B+ voltage	14.6 mA @ 12 V
General specifications	
Dimensions (H x W x D)	9.55 x 14.6 x 3.7 cm (3.8 x 5.7 x 1.5 in)
Weight	225.0 g (0.5 lb)
Mounting options	Wall-mount
IP rating / location	IP20, indoor only
Warranty	2 to 5 years (depending on country)
Part number	865-1060-01
Communication	
Network protocol	Xanbus
Connectors	2 x RJ45 ports
Regulatory approvals	
Safety	CSA 107.1-01, UL 458 4th Ed including the Marine Supplement
EMC	FCC Part 15B Class B, Industry Canada ICES-0003 Class B,C-Tick
Included parts	One network terminator
	One CAT5 cable (2.1 m)
	One mounting plate
	Four #6 screws

Specifications are subject to change without notice. *Limited to Class 2 levels (100 VA)

Conext Automatic Generator Start works with the following Schneider Electric products

Conext XW+ inverter/charger
XW 5548 NA Product no. 865-5548-01
XW 6848 NA Product no. 865-6848-01
XW 7048 E Product no. 865-7048-61
XW 8548 E Product no. 865-8548-61

Conext SW inverter/charger
SW 2524 120 Product no. 865-2024
SW 4024 120 Product no. 865-4024
SW 2524 230 Product no. 865-2524-61
SW 4024 230 Product no. 865-4024-61

**Conext MPPT 60 150
solar charge controller**
Product no. 865-1030-1

**Conext MPPT 80 600
solar charge controller**
Product no. 865-1032

System Control Panel
Product no. 865-1050-01

**Conext Combox
Communication device**
Product no. 865-1058

Conext Battery Monitor
Product no. 865-1081-01