

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



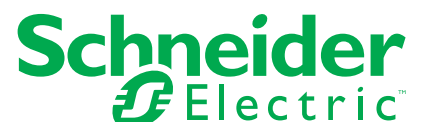
Residential grid-tie solar with backup power



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 4 th 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