

# 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 over 177 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, SW, MPPT 60-150, MPPT 80-600, SCP, ComBox
- User-programmable trigger settings to meet specific application needs
  - Battery voltage
  - Exercise time
  - Inverter / charger AC power loads
  - SOC
  - Quiet time
- 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
<b>Electrical specifications</b>	
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
<b>General specifications</b>	
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
<b>Communication</b>	
Network protocol	Xanbus
Connectors	2 x RJ45 ports
<b>Regulatory approvals</b>	
Safety	CSA 107.1-01, UL 458 4 <sup>th</sup> Ed including the Marine Supplement
EMC	FCC Part 15B Class B, Industry Canada ICES-0003 Class B
<b>Included parts</b>	
	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. 865-3524  
 SW 2524 230 Product no. 865-2524-61  
 SW 4024 230 Product no. 865-3524-61



**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



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



**Conext Battery Monitor**  
 Product no. 865-1081-01