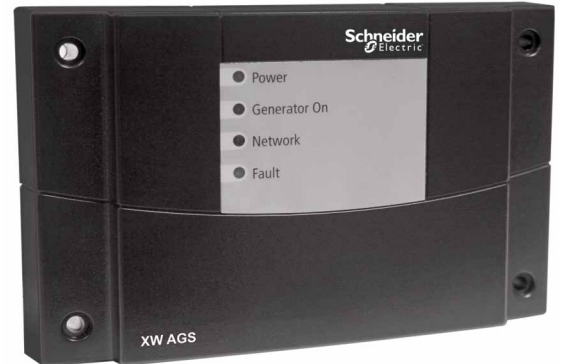




Automatic Generator Start (AGS)

The Schneider Electric Automatic Generator Start (AGS) automatically activates a generator to provide a Conext™ XW or Conext SW inverter/charger with the power needed to recharge a depleted battery bank or provide additional power for heavy loads. The AGS's generator management intelligence continuously monitors battery voltage, state of charge, and inverter charge modes. It uses these data to start and stop the generator when the battery needs charging. The AGS also starts the generator to assist the system's inverter/charger(s) when output power demands are high.

The AGS is customizable. The user defines whether the generator should be activated by low-battery voltage, state of charge, thermostat operation, or load on the inverter(s). A quiet-time setting prevents the generator from starting at inconvenient times. LED lights display the status, while all user-defined settings are programmed through the Conext XW System Control Panel (Conext XW SCP).



> Features

Compatible

- Connects to other Xanbus™-enabled devices without requiring additional hubs or control cards
- Compatible with AC or DC generators with either two- or three-wire start controls
- 20-contact generator connector and three built-in relays support 13 preset generator configurations
- Interfaces with Conext XW and Conext SW inverter/chargers, Solar Charge Controllers, and Conext XW System Control Panel
- Note: AGS requires a Conext XW SCP for configuration and monitoring

Flexible

- Comprehensive, customizable triggers (based on low-battery voltage, change in charging state, high inverter load, thermostat signals, planned exercise periods, maximum runtime, and quiet-time settings)
- Non-volatile memory preserves settings through power interruptions
- Built-in emergency shutdown
- LED display showing at-a-glance status

[Off-grid Solar Accessories]

Conext XW Automatic Generator Start

Electrical Specifications – Inverter	
Nominal input network voltage	15 Vdc
Maximum operating current	200 mA
Communication	Physical layer 2, CAN
Relay contact voltage rating	12 Vdc, 30 Vdc max
Maximum relay contact current	5 Adc
Communication protocol	Xanbus
Maximum cable length	130' (40 m)
Mechanical Specifications	
Dimensions (H x W x D)	3.75 x 5.75 x 1.5" (95.5 x 146 x 37 mm)
Weight	0.5 lb (0.225 kg)
Shipping weight	1.70 lb (0.77 kg)
Dimensions (shipping)	10.5 x 8.5 x 2.5" (267 x 216 x 64 mm)
Connectors	Two Xanbus RJ45-8 pins
	One 20-contact pluggable connector (Tyco MATE-N-LOK 2 connectors) — Wiring harness included
Mounting	Wall mount, 4 x #6 screws included
Standard warranty	Five years
Part number	865-1060
Environmental Specifications	
Enclosure type	Indoor
Operating temperature range	-4 to 122 °F (-20 to 50 °C)
Storage temperature	-40 to 185 °F (-40 to 85 °C)
Regulatory Approvals	
CSA certified to CSA 107.1, UL 458, FCC Class B, Industry Canada, CE	

Specifications are subject to change without notice.

➤ For more information, visit www.schneider-electric.com/us.

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