

Grid Tie Interface

Connect the SW Series to the Utility Grid

Applications

- ▶ Use the Grid Tie Interface (GTI) to run the SW Series inverter/charger in utility interactive *Sell Mode*.
- ▶ For use with new 4.0 kVA and 5.5 kVA SW Series inverters containing Rev 4.2 firmware.

Features

- ▶ Significantly improves performance and power quality in *Sell Mode*.
- ▶ Exceeds IEEE 519 for power quality (THD).
- ▶ Compliant with IEEE 929 anti-islanding standards.
- ▶ Increases overall inverter sell back efficiency, using Xantrex' proprietary Phase Control feature.
- ▶ Easy Installation.



Preliminary Specifications

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Electrical Specifications Grid Tie Interface (GTI)

Utility Interactive Protection	Over/under AC voltage and frequency detection plus active islanding detection
AC Voltage (Nominal)	120 VAC
AC Voltage (Allowed)	
Utility Interactive Mode	106 - 132 VAC
Bypass Mode	80 - 149 VAC
Frequency (Allowed)	
Utility Interactive Mode	59.3 - 60.5 Hz
Bypass Mode	53.0 - 67.0 Hz
AC Current (Allowed @ 25 °C)	
Utility Interactive Mode	40 amps continuous
Bypass Mode	60 amps continuous
Total Output Harmonic Distortion	
Rated	< 5% at full power
Typical	2.5% at full power

Mechanical Specifications

Enclosure Type	Indoor, ventilated, steel chassis with white, powder coat finish
Unit Weight	26 lb (11.8 kg)
Dimensions (H x W x D)	6.3" x 21.0" x 7.0" (16 cm x 53.3 cm x 17.8 cm)
Mounting	Vertical wall mount only
AC Input/Output Terminals	Sized for #2 - #14 AWG wire
Conduit Sizes	Dual ¾" - 1" and ½" - ¾" knockouts available

Additional Specifications

Power Factor (Allowed)	> 94%
Listings	Listing to UL 1741 Pending

Note: All electrical specifications are based on the unit operating in the Utility Interactive mode (SELL), unless otherwise specified.

Note: Use only with Xantrex/Trace Engineering inverter models: SW4024, SW4048, and SW5548, with new Rev 4.2 firmware.

Note: Bypass Mode refers to all operating modes (FLT/SLT/LBX) other than Utility Interactive mode.