

Get connected with Xantrex's new Grid Tie Solar Inverters



Xantrex inverters make installation easy and affordable

When Xantrex set out to develop the Grid Tie Solar Inverters we listened to the experts – renewable energy dealers and installers. The result is a high performance inverter that makes utility interactive installations easier and more cost effective. Our high performance PV string inverters offer high efficiency, lower installed cost, improved aesthetics and high reliability. The GT Series inverters are high quality products that offer the best price/performance ratio in the industry.

High Performance String Inverters:

- ▶ Superior PV energy harvest
- ▶ Peak inverter efficiency
- ▶ Excellent thermal performance

Easy and Affordable to Install:

- ▶ Wide PV input MPPT tracking voltage range makes module selection and sizing extremely flexible
- ▶ Includes a lightweight and versatile mounting bracket that simplifies installation
- ▶ Modular design allows inverters to be mounted side-by-side
- ▶ Lightweight and compact size
- ▶ Rugged IP54 inverter enclosure allows reliable outdoor and indoor installations

Full Featured Inverter Display and Communications:

- ▶ Liquid Crystal Display (LCD)
- ▶ LCD vibration sensor allows the tap of a finger to turn backlight on and display screen cycling
- ▶ Bright LED indicators provide system status at a glance
- ▶ PC software for remote monitoring and system troubleshooting



As part of the Bonneville Environmental Foundation Green Tags program, Xantrex manufacturing facilities in the US operate on 100% green electricity.

BONNEVILLE ENVIRONMENTAL
FOUNDATION

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Xantrex GT-Series Inverters

Electrical Specifications	GT 2.8SP	GT 3.8SP
Maximum AC Power Output	2800 W	3800 W
Nominal AC Power Output	2500 W	3300W
AC Voltage (nominal)	195.5 to 253 VAC (230 VAC)	195.5 to 253 VAC (230 VAC)
AC Frequency (nominal)	49.0 to 51.0Hz (50Hz)	49.0 to 51.0 Hz (50Hz)
DC Input Voltage Range	195 to 600 VDC	195 to 600 VDC
Peak Power Tracking Voltage Range	195 to 550 VDC	195 to 550 VDC
Current THD	<3%	<3%
Peak Inverter Efficiency	95.0% (includes transformer)	95.30%(includes transformer)
Euro efficiency	94.0%(includes transformer)	94.50% (includes transformer)
Maximum Continuous Output Current	14.5 AAC	19 AAC
Over Current Protection	15A	20 A
Night time tare loss	1W	1W
Regulatory Compliance	CE marked according to the following EU Directives and standards: EMC Directive: EN 61000-6-1, EN 61000-6-3, EN61000-3-2, EN61000-3-3 Low Voltage Directive: EN 50178	
Other approvals:	Complies with RD 1663/2000	Complies with RD 1663/2000
Mechanical Specifications		
Operating Temperature Range	-25 °C to +65 °C (-13 °F to +149 °F)	-25 °C to +65 °C (-13 °F to +149 °F)
Enclosure Type	IP54	IP54
Unit Weight	19.5 kg	20 kg
Shipping Weight	25.5 kg	26 kg
Inverter Dimensions (H x W x D)	59.7 cm x 40.3 cm x 13.6 cm	59.7 cm x 40.3 cm x 13.6 cm
Mounting	Wall Mount (mounting bracket included)	Wall Mount (mounting bracket included)
Features		
Cooling	Convection (no fan required)	Convection (no fan required)
Display	Backlit, two line, 16 character Liquid Crystal Display	Backlit, two line, 16 character Liquid Crystal Display
Communications	RS 232 and two Xantrex RJ45 ports	RS 232 and two Xantrex RJ45 ports
Warranty	5 year parts and labor (10 year extended warranty available)	5 year parts and labor (10 year extended warranty available)
Part Number/Model Number	864-0106	864-0103