

Get connected with New Xantrex Grid Tie Solar Inverters



Xantrex inverters make installation easy and affordable

When Xantrex set out to develop 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 PV string inverters offer high efficiency, lower installed cost, improved aesthetics and high reliability. The GT 5.0 inverter is a high quality product that offers 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

Serviceability

- ▶ Five-year standard warranty

Xantrex Technology Inc.

Headquarters
8999 Nelson Way
Burnaby, British Columbia
Canada V5A 4B5
800 670 0707 Toll Free
604 420 1591 Fax

Edificio Diagonal 2A,
C/ Constitución 3, 4º 2ª
08960 Sant Just Desvern
Barcelona, Spain
+34 93 470 5330 Phone
+34 93 473 6093 Fax
europesales@xantrex.com

www.xantrex.com

Xantrex GT 5.0SP Inverter

Electrical Specifications	GT 5.0SP
Nominal AC power output	5.0 kW
AC voltage (nominal)	230 V rms
AC frequency (nominal)	50 Hz
DC input voltage range	240 to 600 Vdc
Peak power tracking voltage range	240 to 550 Vdc
Current THD	< 3%
Peak inverter efficiency	96%
Euro efficiency	95.2%
Maximum continuous output current	23 A rms
Over-current protection	30 A
Night time tare loss	< 1 W

Regulatory Compliance

CE marked according to the following EU Directives and standards:

EMC directive	EN61000-6-1:2001 and EN61000-6-3/A11:2004
Low voltage directive	EN50178:1997 and EN60529/A1:2000
Other approvals	Royal Decree RD 661-2007, RD 1663/2000

Mechanical Specifications

Operating temperature range	Rated: -25°C to +40°C, tolerable: -25°C to 65°C
Enclosure type	Outdoor IP54
Unit weight	22.3 kg
Shipping weight	27.2 kg
Inverter dimensions (H x W x D)	597 x 403 x 136 mm (depth includes 5 mm distance from back-surface to wall)
Shipping dimensions (H x W x D)	692 x 518 x 262 mm
Mounting	Wall mount (mounting bracket included)

Features

Cooling	Convection
Display	Backlit, two-line, 16-character LCD
Communications	Integrated RS232 and Xanbus RJ45 communication ports
Warranty	Five years

*Specifications subject to change without notice.