XPower Inverters 150, 300 and 500 (230 VAC)

Ideal for powering recreational, mobile office equipment and other electronic appliances, XPower inverters convert 12 volts of DC battery power in your vehicle to 230 volts of AC power.

XPower Inverter 150

Electrical Specifications	
Output power (continuous)	150 W
Surge capacity (peak)	300 W
Output voltage	230 VAC +/-5%
Output frequency	50 +/- 3 Hz
Output waveform	Modified sine wave
Peak efficiency	90%
No load current draw	<0.18 A
Input voltage range	10 - 15 VDC
General Specifications	
Operating temperature range	32° F to 104° F (0° C to 40° C)
AC receptacle	Schuko, UK and AUS/NZ
Display	Power ON and Faults LEDs
Battery connection	Lighter plug
Mounting bracket	None
Internal DC fuse	25 A, not user replaceable
Dimensions (H x W x L)	2.5 x 4.1 x 6.2" (63 x 104 x 157 mm)
Weight	1.54 lb (0.65 kg)
Warranty	Two years
Part Number	851-0160 (AUS/NZ) 851-0161 (UK) 851-0162 (Schuko)
Regulatory Approvals	
CE, TUV/GS, *e*-mark	

370 Mariamman Koil Street, Srivilliputtur – 626125
Virudhunagar District, Tamil Nadu, India
Tel: 91-4563-265590/ 263627/ 263360
Delhi- 91-11-43026445/ 65767900 / 9810817592 / 9911726633
E-mail: transsolartechnologies@yahoo.co.in Web: www.transsolartechnologies.com

XPower Inverters 150, 300 and 500 (230 VAC)

Ideal for powering recreational, mobile office equipment and other electronic appliances, XPower inverters convert 12 volts of DC battery power in your vehicle to 230 volts of AC power.

XPower Inverter 300

Electrical Specifications	
Output power (continuous)	300 W
Surge capacity (peak)	600 W
Output voltage	230 VAC +/-5%
Output frequency	50 +/- 3 Hz
Output waveform	Modified sine wave
Peak efficiency	90%
No load current draw	<0.2 A
Input voltage range	10 - 15 VDC
General Specifications	
Operating temperature range	32° F to 104° F (0° C to 40° C)
AC receptacle	Schuko, UK and AUS/NZ
Display	Power ON and Faults LEDs
Battery connection	DC socket for lighter socket or cable clamps
Mounting bracket	Built-in
Internal DC fuse	40 A, not user replaceable
Dimensions (H x W x L)	2.6 x 4.1 x 7.9" (66 x 104 x 200 mm)
Weight	1.74 lb (0.79 kg)
Warranty	Two years
Part Number	851-0310 (AUS/NZ) 851-0311 (UK) 851-0312 (Schuko)
Regulatory Approvals	
CE, TUV/Type approved, *e*-mark	

370 Mariamman Koil Street, Srivilliputtur – 626125
Virudhunagar District, Tamil Nadu, India
Tel: 91-4563-265590/ 263627/ 263360
Delhi- 91-11-43026445/ 65767900 / 9810817592 / 9911726633
E-mail: transsolartechnologies@yahoo.co.in Web: www.transsolartechnologies.com

XPower Inverters 150, 300 and 500 (230 VAC)

Ideal for powering recreational, mobile office equipment and other electronic appliances, XPower inverters convert 12 volts of DC battery power in your vehicle to 230 volts of AC power.

XPower Inverter 500

Electrical Specifications	
Output power (continuous)	500 W
Surge capacity (peak)	1000 W
Output voltage	230 VAC +/-5%
Output frequency	50 +/- 3 Hz
Output waveform	Modified sine wave
Peak efficiency	90%
No load current draw	<0.3 A
Input voltage range	10 - 15 VDC
General Specifications	
Operating temperature range	32° F to 104° F (0° C to 40° C)
AC receptacle	Schuko, UK and AUS/NZ
Display	Power ON and Faults LEDs
Battery connection	Cable clamps and hardwire
Mounting bracket	Built-in
Internal DC fuse	2 x 40 A, not user replaceable
Dimensions (H x W x L)	2.6 x 4.4 x 9.5" (66 x 112 x 241 mm)
Weight	2.6 lb (1.2 kg)
Warranty	Two years
Part Number	851-0510 (AUS/NZ) 851-0511 (UK) 851-0512 (Schuko)
Regulatory Approvals	
CE, TUV/Type approved, *e*-mark	

370 Mariamman Koil Street, Srivilliputtur – 626125
Virudhunagar District, Tamil Nadu, India
Tel: 91-4563-265590/ 263627/ 263360
Delhi- 91-11-43026445/ 65767900 / 9810817592 / 9911726633
E-mail: transsolartechnologies@yahoo.co.in Web: www.transsolartechnologies.com

CE, TUV/Type approved, *e*-mark

BACKUP POWER AT WORK

DR Inverter/Charger - 220 VAC/60 Hz & 230 VAC/50 Hz

The DR Inverter/Charger provides dependable modified sine wave power for businesss, homes and workshops. Available in 1500 or 2400 watt models, it can power most common electrical appliances such as lights, televisions, cash registers, refrigerators, washing machines, computers, and power tools.

Description

The DR Inverter/Charger provides dependable modified sine wave power for businesss, homes and workshops. Available in 1500 or 2400 watt models, it can power most common electrical appliances such as lights, televisions, cash registers, refrigerators, washing machines, computers, and power tools. The DR's high surge capacity gives it the ability to start difficult motor loads. Once set up, all functions of the inverter/charger are fully automatic.

Features

- Quiet, high efficiency operation
- Front panel LED indicators and adjustable switch selectors
- Selectable settings for flooded lead acid, gel, or absorbed glass mat (AGM) batteries
- Three-stage battery charging (bulk, absorption, and float) for increased performance
- Low battery, overload, and high battery, over temperature protection circuitry
- Fast switching (grid to battery and battery to grid) for backup power
- Low idle current (less than one watt) conserves energy when no loads are present
- Generator compatible

Options

370 Mariamman Koil Street, Srivilliputtur – 626125
Virudhunagar District, Tamil Nadu, India
Tel: 91-4563-265590/ 263627/ 263360
Delhi- 91-11-43026445/ 65767900 / 9810817592 / 9911726633
E-mail: transsolartechnologies@yahoo.co.in Web: www.transsolartechnologies.com

- Remote battery temperature sensor (BTS) increases battery performance and life
- Remote control and status indicator (RC8) allows you to view system status remotely
- Side mount conduit box (DRCB) makes code-compliant DC wiring connections convenient

BACKUP POWER AT WORK
PS 230 VAC/50 Hz

The perfect choice for a virtually invisible, whole home backup power system, the PS Inverter/Charger delivers dependable sine wave power at a mid-range price.

Description

The 2.5 kW inverter is available in 12 and 24-volt models and includes a fully automatic three-stage battery charger. This cost-effective inverter/charger also allows you to choose optional features that suit your needs and budget. If you want your generator to start automatically, add the optional GSM and SWRC

Features

- 2500 watts of continuous power
- Utility grade, sine wave power
- Quiet, high-efficiency operation
- Three-stage battery charging system (bulk, absorption, and float) with automatic temperature compensation ensures your batteries are properly maintained
- Surge capacity of 2.5 times peak power rating starts even the most demanding loads
- Low power consumption (preserves battery capacity)
- Low battery, overload, and overcharge protection circuitry
- Seamless transfer switching (grid / generator to battery and battery to grid / generator)

Options

370 Mariamman Koil Street, Srivilliputtur – 626125
Virudhunagar District, Tamil Nadu, India
Tel: 91-4563-265590/ 263627/ 263360
Delhi- 91-11-43026445/ 65767900 / 9810817592 / 9911726633
E-mail: transsolartechnologies@yahoo.co.in Web: www.transsolartechnologies.com

- Optional SWRC remote allows expanded programming capacity
- Optional Generator Start Module (GSM) supports automatic generator start and stop
- Stackable design for 120/240 VAC, three-wire, 60 Hz power applications.

BACKUP POWER AT WORK
SW Inverter/Charger - 230 VAC/50 Hz

The SW Inverter/Charger is our most popular off-grid power solution. Available in 24- and 48-volt models, it provides utility-grade output power and offers high surge capacity to run most household appliances.

Description

The SW Inverter/Charger is our most popular off-grid power solution. Available in 24- and 48-volt models, it provides utility-grade output power and offers high surge capacity to run most household appliances. The SW offers many programmable features including automatic generator start and stop, and automatic load sensing. Its built-in, fully automatic, three-stage battery charger is designed to bring maximum charge to batteries, while using minimum generator run time and fuel.

Features

- Available in 3000 and 4500 watt models
- Utility grade, sine wave power
- Durable construction for long life under extreme environmental conditions
- Three-stage battery charging (bulk, absorption, and float) and battery equalization with remote temperature sensor for increased performance
- Programmable control module with LCD display and LED indicators
- Low idle current (less than 1 watt) conserves energy when no loads are present
- Soft start capability for starting heavy loads
- Built-in starting control circuits for two- and three-wire generator starting systems

Expandable and Flexible

370 Mariamman Koil Street, Srivilliputtur – 626125
Virudhunagar District, Tamil Nadu, India
Tel: 91-4563-265590/ 263627/ 263360
Delhi- 91-11-43026445/ 65767900 / 9810817592 / 9911726633
E-mail: transsolartechnologies@yahoo.co.in Web: www.transsolartechnologies.com

- Parallel stacking capability for more power at the same voltage (optional equipment is required)
- Three phase configurations available in a Power Module System for industrial quality power in remote locations (optional equipment is required; only available on 48-volt models).

BACKUP POWER AT WORK
UX Series

Combining ultra-high efficiency and economy, the Xantrex UX Series inverter is ideal for home, office, light industrial and remote power applications of between 500 and 1400 watts. And you'll find plenty of options in the world's most dependable power inverter

Description

Combining ultra-high efficiency and economy, the new Trace UX Series inverter is ideal for home, office, light industrial and remote power applications of between 500 and 1400 watts. And you'll find plenty of options in the world's most dependable power inverter.

- **Ah, the convenience.** The UX lets you quietly run almost any AC equipment from your batteries--hand tools, microwaves, TVs, computers, even energy-hungry small refrigerators.
- **Efficiency frees more power.** The UX will start loads that surge up to triple the continuous rating, and run a load of twice rated current *for nearly a minute.* It also makes the most of battery power with efficiencies of up to 92%. Under no-load conditions it consumes a miserly 1/2 watt.
- **Automatic, worry-free operation.** Plug into utility power or start a generator and the UX instantly transfers power to your electrical system as it rapidly charges your batteries.
- **Maximum charging.** The UX never overcharges or overheats batteries and maintains a full charge indefinitely as it ensures longer life in both sealed and liquid lead acid batteries.
- **Quick reactions.** If your AC power fails, the SB model switches over within 16 milliseconds to keep lights, phones, appliances and most computers on line. A crystal-controlled voltage and frequency circuit protects appliances, as well.

370 Mariamman Koil Street, Srivilliputtur – 626125
Virudhunagar District, Tamil Nadu, India
Tel: 91-4563-265590/ 263627/ 263360
Delhi- 91-11-43026445/ 65767900 / 9810817592 / 9911726633
E-mail: transsolartechnologies@yahoo.co.in Web: www.transsolartechnologies.com

- **Smart protection.** In the inverter mode, UX "smart" protection circuitry delivers all the energy your batteries can safely provide, then automatically shuts down to prevent over-discharge.
- **More options, more flex.** Remote Control (RC-8/50 or RC-8/100) mounts up to 100 feet away. SB model option provides automatic battery charging and AC transfer switch. Battery Temperature Sensor (BTS) automatically controls accurate charge to batteries.

XPower Power packs 300 & 300 Plus - 230 VAC/50 Hz

Provides Portable Power

XPower Powerpack 300 by Xantrex provides maximum 300 watts of silent household (AC) and DC power anytime, anywhere. It's a convenient source of power for year-round use and its ideal for weather emergencies, power outages and car breakdowns.

Description

XPower Powerpack 300 by Xantrex provides maximum 300 watts of silent household (AC) and DC power anytime, anywhere. It's a convenient source of power for year-round use and its ideal for weather emergencies, power outages and car breakdowns. The XPower Powerpack integrates a power source for small AC and DC appliances, an emergency light, and a vehicle battery booster. The 300 Plus model also includes a 17 BAR (250 PSI) air compressor

370 Mariamman Koil Street, Srivilliputtur – 626125
Virudhunagar District, Tamil Nadu, India
Tel: 91-4563-265590/ 263627/ 263360
Delhi- 91-11-43026445/ 65767900 / 9810817592 / 9911726633
E-mail: transsolartechnologies@yahoo.co.in Web: www.transsolartechnologies.com

As the market for portable electronic devices grows, so does the need to power these devices. The XPower Powerpack provides the power to improve safety, efficiency and the quality of daily life.

XPower Powerpack 300 and 300 Plus

- 230-volt AC and 12-volt DC outlets to power most small household appliances
- Built-in 300 watt inverter with sealed, non-spillable 20 amp-hour AGM battery
- 17 BAR (250 PSI) air compressor to inflate vehicle tires and small sports equipment (300 Plus model only)
- Smart circuitry protects against reverse polarity jumpstart connections
- Built-in fluorescent lights provide illumination in emergency situations
- AC and DC charger cables allow recharging from home or in vehicle
- Battery level meter to easily monitor the status of the Powerpack battery
- AC charger offers battery overcharge protection
- Audible alarm signals when the unit begins to overheat, and in times of under voltage conditions
- Electrical current overload and overheating protection ensure a longer Powerpack life

Accessories

- Jumper Cables - use the XPower Powerpack to jump start vehicles
- AC Charger - recharge the XPower Powerpack from a standard wall outlet
- DC Charging Cable – use the XPower Powerpack to power DC-compatible appliances or to recharge the Powerpack from a car, truck, SUV or RV
- Nozzle Adapters pump air easily into vehicle tires or small inflatable sports equipment (300 Plus model only)
- Accessory bag – helps keep XPower Powerpack's accessories together

Applications

For emergency situations

370 Mariamman Koil Street, Srivilliputtur – 626125
Virudhunagar District, Tamil Nadu, India
Tel: 91-4563-265590/ 263627/ 263360
Delhi- 91-11-43026445/ 65767900 / 9810817592 / 9911726633
E-mail: transsolartechnologies@yahoo.co.in Web: www.transsolartechnologies.com

- Inflate vehicle tires (300 Plus model only)
- Jump-start vehicles
- Power emergency lights, TVs, and radios

For outdoor use:

- Pump air into small inflatable sports equipment (300 Plus model only)
- Power camcorders, video games, stereos, 13" TV/VCR, TV/DVD combos, computers, laptops, clock radios, and small power tools

COMMERCIAL SOLAR

Large-scale solar electrical systems play an important part in conservation and energy production and Xantrex is a premier supplier of inverters that turn the Sun's energy into clean, reliable electricity. Xantrex PV Series Inverters are a leading choice for large-scale solar installations in North America and Europe.

Grid Tie Inverter GT100E

370 Mariamman Koil Street, Srivilliputtur – 626125
Virudhunagar District, Tamil Nadu, India
Tel: 91-4563-265590/ 263627/ 263360
Delhi- 91-11-43026445/ 65767900 / 9810817592 / 9911726633
E-mail: transsolartechnologies@yahoo.co.in Web: www.transsolartechnologies.com

Designed for European grid-connected PV installations, the GT100E is a 100kW three-phase inverter that meets all applicable CE requirements and is approved by the TÜV Rheinland.

Description

The Xantrex GT100E Grid Tie Inverter is based on a reliable platform that is used in grid-connect photovoltaic and wind turbine applications in North America and Europe. Easy to install and operate, the GT100E automates start up, and shut down. It incorporates advanced Maximum Power Point Tracking Technology to maximize the energy harvested from a PV array. To minimize power losses during the conversion process, the inverter's switching technology uses insulated gate bi-polar transistors. Multiple inverters can be paralleled for large power installations. Designed for European PV installations, the GT100E meets all applicable CE requirements and is approved by the TÜV Rheinland.

Features

- Digital Signal Processor (DSP) based controls with self-diagnostics and LCD for display of operating status.
- Inverter shut off and disconnects.
- Over- and under-voltage and frequency protection, shutting down the inverter.
- Anti-islanding protection - prevents back-feeding inverter-generated power to the grid in the event of a utility outage.
- User definable power tracking allows the user to match the inverter to the array, as well as to adjust delay periods to customize system shutdown sequences.
- Graphical user interface software for real time communications, monitoring, and control

Options

- Remote monitoring via telephone modem

Faults notification via modem

370 Mariamman Koil Street, Srivilliputtur – 626125
Virudhunagar District, Tamil Nadu, India
Tel: 91-4563-265590/ 263627/ 263360
Delhi- 91-11-43026445/ 65767900 / 9810817592 / 9911726633
E-mail: transsolartechnologies@yahoo.co.in Web: www.transsolartechnologies.com

- Data acquisition and logging
- Analog inputs for external measurements

Grid Tie Inverter GT500E - 3 phase

Description

The Xantrex GT500E Grid Tie Inverter is based on a reliable platform that is used in grid-connect photovoltaic and wind turbine applications in North America and Europe. Easy to install and operate, the GT500E automates start up, and shut down. It incorporates advanced Maximum Power Point Tracking Technology to maximize the energy harvested from a PV array. To minimize power losses during the conversion process, the inverter's switching technology uses insulated gate bi-polar transistors. Multiple inverters can be paralleled for large power installations. Designed for European PV installations, the GT500E meets all applicable CE requirements.

Features

- Digital Signal Processor (DSP) based controls with self-diagnostics and LCD for display of operating status
- Inverter shut off and disconnects
- Over- and under-voltage and frequency protection, shutting down the inverter
- Anti-islanding protection - prevents back-feeding inverter-generated power to the grid in the event of a utility outage
- User definable power tracking allows the user to match the inverter to the array, as well as to adjust delay periods to customize system shutdown sequences
- Graphical user interface software for real time communications, monitoring, and control
- Remote monitoring via telephone modem or web server
- Faults notification via modem
- Data acquisition and logging
- Analog inputs for external measurements
- Isolation protection
- DC and AC over voltage protection

370 Mariamman Koil Street, Srivilliputtur – 626125
Virudhunagar District, Tamil Nadu, India
Tel: 91-4563-265590/ 263627/ 263360
Delhi- 91-11-43026445/ 65767900 / 9810817592 / 9911726633
E-mail: transsolartechnologies@yahoo.co.in Web: www.transsolartechnologies.com

PV Series

Our PV Inverters are America's leading choice for large-scale solar installations. These utility interactive, three-phase inverters are available in models ranging from 10 kW to 225 kW. Multiple inverters may be paralleled for larger power installations.

Description

Utility Interactive Renewable Energy

- Utility interactive, three-phase inverter, with models ranging from 10 kW to 225 kW. Multiple inverters may be paralleled for larger power installations.
- Designed for cost-effectiveness, high performance, easy installation, and reliability.
- Advanced MPPT technology maximizes PV array output (not for use with batteries).
- Revolutionary switching technology utilizes insulated gate bi-polar transistors (IGBT), greatly reducing power losses during the conversion process.
- Meets all applicable UL, IEEE, and NEC codes.
- Automatic operation includes start-up, shut-down, self-diagnosis, and fault detection.

Features

- Efficient design, with over 95% peak efficiency for the inverter, and overall efficiency including transformer losses, in excess of 93%.
- Digital Signal Processor (DSP) based controls with self-diagnostics and LCD for display of operating status.
- Inverter shut off and reset toggle switch.

Over- and under-voltage and frequency protection, shutting down the inverter in compliance with UL1741.

370 Mariamman Koil Street, Srivilliputtur – 626125
Virudhunagar District, Tamil Nadu, India
Tel: 91-4563-265590/ 263627/ 263360
Delhi- 91-11-43026445/ 65767900 / 9810817592 / 9911726633
E-mail: transsolartechnologies@yahoo.co.in Web: www.transsolartechnologies.com

- Anti-islanding protection - prevents back-feeding inverter-generated power to the grid in the event of a utility outage.
- User definable power tracking matches the inverter to the array, as well as adjustable delay periods to customize system shut-down sequences.

Options

- Variety of system accessories for ease of system installation, including combiner boxes, isolation transformers, disconnect switches, etc.
- Complete inverter kits, incorporating all required accessories for NEC code compliant installation, are available.

370 Mariamman Koil Street, Srivilliputtur – 626125
Virudhunagar District, Tamil Nadu, India
Tel: 91-4563-265590/ 263627/ 263360
Delhi- 91-11-43026445/ 65767900 / 9810817592 / 9911726633
E-mail: transsolartechnologies@yahoo.co.in Web: www.transsolartechnologies.com

Technical Specifications

DR1512E

Electrical Specifications	
AC Input Voltage	230 VAC
AC Input Low Transfer Voltage	80-210 VAC
Maximum AC Input Current	25 amps
Continuous Power (@ 25 °C)	1500 VA
Efficiency (peak)	94%
Output Voltage (RMS)	230 VAC
Maximum Output Voltage Regulation	+/- 5%
Frequency (nominal)	50 Hz
Continuous Output (@ 25°C)	6.5 amps AC
1 mSec Surge Capability	20 amps AC
Automatic Transfer Relay	15 amps
DC Input Voltage (nominal)	12.6 VDC
DC Input Voltage Range	10.9-15.5 VDC
DC Current at Rated Power	150 amps DC
Idle Consumption (typical at full voltage)	< 10 watts
Search Mode Consumption	< 1 watt
Maximum Charge Rate (adjustable)	70 amps DC
Waveform	Modified Sine Wave
Load Sensing (inverter mode)	Adjustable 5 to over 100 watts (5 watts default)
General Specifications	
Specified Temperature Range	32 °F to 104 °F (0 °C to 40 °C)
Enclosure Type	Indoor, ventilated, steel chassis with powder coat finish
Unit Weight	38 lb (17.2 kg)
Shipping	42 lb (19 kg)
Dimensions (H x W x D)	8.5 x 22 x 7.25" (21.6 x 55.9 x 18.4 cm)
Shipping Dimensions (H x W x D)	13 x 25 x 12" (33 x 63.5 x 18.4 cm)
Mounting	Horizontal wall mount
Warranty	2 years
Part Numbers	DR1512E
	DRCB - optional, conduit box RC8 - optional, remote BTS - optional, battery temperature sensor
Features & Options	
Forced Air Cooling	Standard forced air variable speed fan
Charging Profiles	Eight standard with two equalize profiles
Three-stage Charging	Standard three-stage (bulk, absorption, and float)

370 Mariamman Koil Street, Srivilliputtur – 626125
Virudhunagar District, Tamil Nadu, India
Tel: 91-4563-265590/ 263627/ 263360
Delhi- 91-11-43026445/ 65767900 / 9810817592 / 9911726633
E-mail: transsolartechnologies@yahoo.co.in Web: www.transsolartechnologies.com

Battery Temperature Sensor	BTS - optional remote battery temperature sensor for increased battery performance
Remote Control	RC8 - optional remote control and status indicator
Conduit Box	DRCB - optional side mount conduit box for code-compliant DC wiring connections
Regulatory Approvals	
CE Mark	

DR1512E

370 Mariamman Koil Street, Srivilliputtur – 626125
Virudhunagar District, Tamil Nadu, India
Tel: 91-4563-265590/ 263627/ 263360
Delhi- 91-11-43026445/ 65767900 / 9810817592 / 9911726633
E-mail: transsolartechnologies@yahoo.co.in Web: www.transsolartechnologies.com

Technical Specifications

DR2424E

Electrical Specifications	
AC Input Voltage	230 VAC
AC Input Low Transfer Voltage	80-210 VAC
Maximum AC Input Current	25 amps
Continuous Power (@ 25 °C)	1500 VA
Efficiency (peak)	94%
Output Voltage (RMS)	230 VAC
Maximum Output Voltage Regulation	+/- 5%
Frequency (nominal)	50 Hz
Continuous Output (@ 25°C)	10.5 amps AC
1 mSec Surge Capability	40 amps AC
Automatic Transfer Relay	15 amps
DC Input Voltage (nominal)	25.2 VDC
DC Input Voltage Range	21.8-31 VDC
DC Current at Rated Power	120 amps DC
Idle Consumption (typical at full voltage)	< 10 watts
Search Mode Consumption	< 1 watt
Maximum Charge Rate (adjustable)	70 amps DC
Waveform	Modified Sine Wave
Load Sensing (inverter mode)	Adjustable 5 to over 100 watts (5 watts default)
General Specifications	
Specified Temperature Range	32 °F to 104 °F (0 °C to 40 °C)
Enclosure Type	Indoor, ventilated, steel chassis with powder coat finish
Unit Weight	44 lb (20 kg)
Shipping	48 lb (21.8 kg)
Dimensions (H x W x D)	8.5 x 22 x 7.25" (21.6 x 55.9 x 18.4 cm)
Shipping Dimensions (H x W x D)	13 x 25 x 12" (33 x 63.5 x 18.4 cm)
Mounting	Horizontal wall mount
Warranty	2 years
Part Numbers	DR2424E
	DRCB - optional, conduit box RC8 - optional, remote BTS - optional, battery temperature sensor
Features & Options	
Forced Air Cooling	Standard forced air variable speed fan
Charging Profiles	Eight standard with two equalize profiles
Three-stage Charging	Standard three-stage (bulk, absorption, and float)

370 Mariamman Koil Street, Srivilliputtur – 626125
Virudhunagar District, Tamil Nadu, India
Tel: 91-4563-265590/ 263627/ 263360
Delhi- 91-11-43026445/ 65767900 / 9810817592 / 9911726633
E-mail: transsolartechnologies@yahoo.co.in Web: www.transsolartechnologies.com

Battery Temperature Sensor	BTS - optional remote battery temperature sensor for increased battery performance
Remote Control	RC8 - optional remote control and status indicator
Conduit Box	DRCB - optional side mount conduit box for code-compliant DC wiring connections
Regulatory Approvals	
CE Mark	

DR2424E

370 Mariamman Koil Street, Srivilliputtur – 626125
Virudhunagar District, Tamil Nadu, India
Tel: 91-4563-265590/ 263627/ 263360
Delhi- 91-11-43026445/ 65767900 / 9810817592 / 9911726633
E-mail: transsolartechnologies@yahoo.co.in Web: www.transsolartechnologies.com

Technical Specifications

PS2212E

Electrical Specifications	
AC input voltage	230 VAC
AC input voltage range (default)	206 - 254 VAC
AC input current (via selector switch)	15 - 30 amps
Continuous Power @ 25°C	220 VA
Efficiency (Peak)	90%
Output voltage (RMS)	230 VAC
Output voltage regulation (typical)	+/- 3%
Frequency (Nominal)	50 Hz
Continuous output @ 25°C	9.5 amps AC
Surge capability:	
5 sec rating (resistive)	4000 watts
1 mSec	35 amps AC
100 mSec	17 amps AC
DC input voltage (Nominal)	12 VDC
DC input voltage range	11.8 - 16.5 VDC
DC current at rated power	240 amps DC
Idle consumption	< 20 watts
Search mode consumption	< 0.5 watts
Max. charge rate (adjustable)	100 amps DC
Total Harmonic Distortion	3 -5 % Stand alone operations
Waveform	Sine wave, 34 to 52 steps per cycle
Load Sensing (Inverter Mode)	Adjustable 0 to 240 watts (48 watts default)
Specified temperature range	32°F - 104°F (0°C - 40°C)
Enclosure type	Fully screened, indoor, ventilated, steel chassis with powder coat finish
Unit weight	80 lb (36.4 kg)
Shipping	88 lb (40 kg)
Inverter dimensions (H x W x D)	15.5 x 22.5 x 6.5" (38.7 x 57.1 x 16.6 cm)
Shipping dimensions (H x W x D)	20 x 26 x 12.75" (51 x 66 x 32.3 cm)
Mounting	Vertical wall mount or shelf mount
Warranty	Two years
Part Numbers	PS2212E
Features & Options	
Forced air cooling	Standard variable speed brushless DC fans
Three-stage charging	Standard three-stage (bulk, absorption, and float)
Communications adaptor	SWCA - optional adaptor allows PC or modem connection

370 Mariamman Koil Street, Srivilliputtur – 626125
Virudhunagar District, Tamil Nadu, India
Tel: 91-4563-265590/ 263627/ 263360
Delhi- 91-11-43026445/ 65767900 / 9810817592 / 9911726633
E-mail: transsolartechnologies@yahoo.co.in Web: www.transsolartechnologies.com

Battery Temperature Sensor	BTS - standard remote battery temperature sensor for increased battery performance
Remote Control	SWRC - optional remote control and status indicator or RC8 - optional on/off remote control with status LED indicator
Stacking Interface	SWI - optional for series stacking of two identical PS units for 120/240 VAC output - not available on E models
Paralleling Kit	SWI/PAR or SWI/PAR/E - optional for paralleling two identical PS units for twice the power output
Conduit Box	PSCB - optional side mount conduit box for code-compliant DC wiring connections
Generator Start	GSM - optional Generator Start Module allows auto generator start
Auxiliary Relay	ALM - optional Auxiliary Load Module provides voltage controlled relays
Regulatory Approvals	
UL Listed to UL 1741 and cUL 107.1-95 and CE compliant	

PS2212E

370 Mariamman Koil Street, Srivilliputtur – 626125
Virudhunagar District, Tamil Nadu, India
Tel: 91-4563-265590/ 263627/ 263360
Delhi- 91-11-43026445/ 65767900 / 9810817592 / 9911726633
E-mail: transsolartechnologies@yahoo.co.in Web: www.transsolartechnologies.com

Technical Specifications

SW4024W

Electrical Specifications	
AC input voltage	220 VAC
AC input voltage range	160 - 288 VAC
AC input current	30 amps AC pass through 15 amps AC charging
Continuous Power @ 25°C	4000 VA
Efficiency (Peak)	94 %
Output voltage (RMS)	220 VAC
Output voltage Regulation	+/- 3%
Waveform	Sine wave, 34 to 52 steps per cycle
Frequency (Nominal +/- 0.04% crystal controlled)	60 Hz
Continuous output @ 25°C	38 amps AC
Total Harmonic Distortion	< 5%
Automatic transfer relay	30 amps AC pass through 15 amps AC charging
DC input voltage (Nominal)	24 VDC
DC input voltage range	22-33 VDC
DC current at rated power	214 amps DC
Short circuit current	360 amps DC
Idle consumption	< 16 watts
Search mode consumption	< 1 watt
Low battery protection (Enabled)	Adjustable low battery cut out
Max. charge rate (adjustable)	120 amps DC
Load Sensing (Inverter Mode)	Adjustable, 0 to over 200 watts (48 watts default)
General Specifications	
Specified temperature range	32°F - 77°F (0°C - 25°C)
Enclosure type	Indoor, ventilated, steel chassis with powder coat finish
Unit weight	105 lb (48 kg)
Shipping	111 lb (50 kg)
Inverter dimensions (H x W x D)	15 x 22.5 x 9" (38 x 57 x 23 cm)
Shipping dimensions (H x W x D)	20 x 27 x 15" (52 x 69 x 40 cm)
Mounting	Wall mount
Warranty	Two years
Part Numbers	SW4024W
Features & Options	
Forced air cooling	Standard variable speed brushless DC fans
Three-stage charging	Standard three-stage (bulk, absorption, and float)
Control panel	Standard built-in, two line, backlit, alphanumeric LCD with 8 LED status indicators

370 Mariamman Koil Street, Srivilliputtur – 626125
Virudhunagar District, Tamil Nadu, India
Tel: 91-4563-265590/ 263627/ 263360
Delhi- 91-11-43026445/ 65767900 / 9810817592 / 9911726633
E-mail: transsolartechnologies@yahoo.co.in Web: www.transsolartechnologies.com

Auto Generator Control System	Standard automatic generator control system for two and three wire start generators
Auxiliary Relays	Standard three user adjustable voltage controlled signal relays for control of loads or charing sources
Battery Temperature Sensor	BTS - standard remote battery temperature sensor for increased battery performance
Remote Control	SWRC - optional remote control and status indicator
Conduit Box	SWCB - optional side mount conduit box for code-compliant DC wiring connections
Regulatory Approvals	
CE Mark	

SW4024W

370 Mariamman Koil Street, Srivilliputtur – 626125
Virudhunagar District, Tamil Nadu, India
Tel: 91-4563-265590/ 263627/ 263360
Delhi- 91-11-43026445/ 65767900 / 9810817592 / 9911726633
E-mail: transsolartechnologies@yahoo.co.in Web: www.transsolartechnologies.com

Technical Specifications

SW3024E

Electrical Specifications	
AC input voltage	230 VAC
AC input voltage range	150-288 VAC
AC input current	30 amps AC pass through 15 amps AC charging
Continuous Power @ 25°C	3300 VA
Efficiency (Peak)	94 %
Output voltage (RMS)	230 VAC
Output voltage Regulation	+/- 5%
Waveform	Sine wave, 34 to 52 steps per cycle
Frequency (Nominal +/- 0.04% crystal controlled)	50 Hz
Continuous output @ 25°C	14 amps AC
Total Harmonic Distortion	< 5%
Automatic transfer relay	30 amps AC pass through 15 amps AC charging
DC input voltage (Nominal)	24 VDC
DC input voltage range	22-33 VDC
DC current at rated power	176 amps DC
Short circuit current	320 amps DC
Idle consumption	< 16 watts
Search mode consumption	< 1 watt
Low battery protection (Enabled)	Adjustable low battery cut out
Max. charge rate (adjustable)	100 amps DC
Load Sensing (Inverter Mode)	Adjustable, 0 to over 200 watts (48 watts default)
General Specifications	
Specified temperature range	32°F - 77°F (0°C - 25°C)
Enclosure type	Indoor, ventilated, steel chassis with powder coat finish
Unit weight	105 lb (48 kg)
Shipping	111 lb (50 kg)
Inverter dimensions (H x W x D)	15 x 22.5 x 9" (38 x 57 x 23 cm)
Shipping dimensions (H x W x D)	20 x 27 x 15" (52 x 69 x 40 cm)
Mounting	Wall mount
Warranty	Two years
Part Numbers	SW4024W
Features & Options	
Forced air cooling	Standard variable speed brushless DC fans
Three-stage charging	Standard three-stage (bulk, absorption, and float)
Control panel	Standard built-in, two line, backlit, alphanumeric LCD with 8 LED status indicators

370 Mariamman Koil Street, Srivilliputtur – 626125
Virudhunagar District, Tamil Nadu, India
Tel: 91-4563-265590/ 263627/ 263360
Delhi- 91-11-43026445/ 65767900 / 9810817592 / 9911726633
E-mail: transsolartechnologies@yahoo.co.in Web: www.transsolartechnologies.com

Auto Generator Control System	Standard automatic generator control system for two and three wire start generators
Auxiliary Relays	Standard three user adjustable voltage controlled signal relays for control of loads or charing sources
Battery Temperature Sensor	BTS - standard remote battery temperature sensor for increased battery performance
Remote Control	SWRC - optional remote control and status indicator
Conduit Box	SWCB - optional side mount conduit box for code-compliant DC wiring connections
Regulatory Approvals	
CE Mark	

SW3024E

370 Mariamman Koil Street, Srivilliputtur – 626125
Virudhunagar District, Tamil Nadu, India
Tel: 91-4563-265590/ 263627/ 263360
Delhi- 91-11-43026445/ 65767900 / 9810817592 / 9911726633
E-mail: transsolartechnologies@yahoo.co.in Web: www.transsolartechnologies.com

Technical Specifications

UX612(SB)

Electrical Specifications	
AC Input Voltage	120 VAC
AC Input Current for Max. Charge	5 amps (SB models only)
AC Input Current for Max. Pass Through	30 amps (SB models only)
Continuous Power (@ 25°C)	400 VA
Nominal Power	600 VA
Efficiency (Peak)	92%
Output Voltage (RMS)	120 VAC
Waveform	Modified Sine Wave
Output Voltage Regulation	+/- 5%
Frequency (Nominal)	60 Hz
Continuous AC Output (@ 25°C)	3.4 amps
100 mSec Surge Capability	20 amps
Automatic Transfer Relay	30 amps (SB models only)
DC Input Voltage (Nominal)	12 VDC
DC Input Voltage Range	9.5 - 16.7 VDC
DC Current at Rated Power (Nominal)	40 amps
Idle Consumption (Typical at Full Voltage)	5 watts
Search Mode Consumption	< 1 watt
Maximum Charge Rate (Adjustable)	25 amps (SB models only)
Load Sensing (Inverter Mode)	Adjustable, 5 to over 100 watts (5 watts default)
Power Factor (Allowed)	0.5 to 1.0 pf
General Specifications	
Specified Temperature Range	32 °F to 77 °F (0 °C to 25 °C)
Enclosure Type	Indoor, ventilated, steel chassis with powder coat finish
Unit Weight	26 lb (11.8 kg)
Shipping Weight	30 lb (13.6 kg)
Dimensions (H x W x D)	6 x 10.25 x 15.5" (15.2 x 26 x 39.4 cm)
Shipping Dimensions (H x W x D)	20.5 x 27 x 18" (52 x 69 x 45.7 cm)
Mounting	Wall or shelf mount
Warranty	2 years
Part Numbers	UX612 - Inverter
	UX612SB - Inverter/Charger
Features & Options	
Cooling	None
Three-stage Charging	SB models only - standard, three-stage (bulk, absorption, and float)

370 Mariamman Koil Street, Srivilliputtur – 626125
Virudhunagar District, Tamil Nadu, India
Tel: 91-4563-265590/ 263627/ 263360
Delhi- 91-11-43026445/ 65767900 / 9810817592 / 9911726633
E-mail: transsolartechnologies@yahoo.co.in Web: www.transsolartechnologies.com

Control Panel	Standard - on/off switch, LED display, and load sensing potentiometer
High and Low Battery Protection	Standard - automatically shuts down batteries to prevent damage
Battery Temperature Sensor	BTS - optional remote battery temperature sensor for increased battery performance - for use only with SB models
Remote Control	RC8/50 - optional remote control and status indicator with 50' cable
Regulatory Approvals	
UL Listed to UL 1741 1st Edition	

UX612(SB)

370 Mariamman Koil Street, Srivilliputtur – 626125
Virudhunagar District, Tamil Nadu, India
Tel: 91-4563-265590/ 263627/ 263360
Delhi- 91-11-43026445/ 65767900 / 9810817592 / 9911726633
E-mail: transsolartechnologies@yahoo.co.in Web: www.transsolartechnologies.com

Technical Specifications

UX1512(SB)

Electrical Specifications	
AC Input Voltage	120 VAC
AC Input Current for Max. Charge	13 amps (SB models only)
AC Input Current for Max. Pass Through	30 amps (SB models only)
Continuous Power (@ 25°C)	800 VA
Nominal Power	1500 VA
Efficiency (Peak)	92%
Output Voltage (RMS)	120 VAC
Waveform	Modified Sine Wave
Output Voltage Regulation	+/- 5%
Frequency (Nominal)	60 Hz
Continuous AC Output (@ 25°C)	6.7 amps
100 mSec Surge Capability	20 amps
Automatic Transfer Relay	30 amps (SB models only)
DC Input Voltage (Nominal)	12 VDC
DC Input Voltage Range	9.5 - 16.7 VDC
DC Current at Rated Power (Nominal)	75 amps
Idle Consumption (Typical at Full Voltage)	7 watts
Search Mode Consumption	< 1 watt
Maximum Charge Rate (Adjustable)	65 amps (SB models only)
Load Sensing (Inverter Mode)	Adjustable, 5 to over 100 watts (5 watts default)
Power Factor (Allowed)	0.5 to 1.0 pf
General Specifications	
Specified Temperature Range	32 °F to 77 °F (0 °C to 25 °C)
Enclosure Type	Indoor, ventilated, steel chassis with powder coat finish
Unit Weight	33 lb (15 kg)
Shipping Weight	37 lb (16.8 kg)
Dimensions (H x W x D)	6 x 10.25 x 15.5" (15.2 x 26 x 39.4 cm)
Shipping Dimensions (H x W x D)	20.5 x 27 x 18" (52 x 69 x 45.7 cm)
Mounting	Wall or shelf mount
Warranty	2 years
Part Numbers	UX1512 - Inverter
	UX1512SB - Inverter/Charger
Features & Options	
Cooling	Standard on/off DC cooling fan

370 Mariamman Koil Street, Srivilliputtur – 626125
Virudhunagar District, Tamil Nadu, India
Tel: 91-4563-265590/ 263627/ 263360
Delhi- 91-11-43026445/ 65767900 / 9810817592 / 9911726633
E-mail: transsolartechnologies@yahoo.co.in Web: www.transsolartechnologies.com

Three-stage Charging	SB models only - standard, three-stage (bulk, absorption, and float)
Control Panel	Standard - on/off switch, LED display, and load sensing potentiometer
High and Low Battery Protection	Standard - automatically shuts down batteries to prevent damage
Battery Temperature Sensor	BTS - optional remote battery temperature sensor for increased battery performance - for use only with SB models
Remote Control	RC8/50 - optional remote control and status indicator with 50' cable
Regulatory Approvals	
UL Listed to UL 1741 1st Edition	

UX1512(SB)

370 Mariamman Koil Street, Srivilliputtur – 626125
Virudhunagar District, Tamil Nadu, India
Tel: 91-4563-265590/ 263627/ 263360
Delhi- 91-11-43026445/ 65767900 / 9810817592 / 9911726633
E-mail: transsolartechnologies@yahoo.co.in Web: www.transsolartechnologies.com

Technical Specifications

XPower Powerpack 300 - 230 VAC/50 Hz

Electrical Specifications	
115 volt AC section	
AC output power (max continuous)	250 watts
AC output power (5 min)	300 watts
AC surge power (peak)	500 watts
AC output voltage (nominal)	230 volts
AC output frequency	50 Hz +/- 4 Hz
AC output waveform	Modified sine wave
Inverter no-load current	<0.20 amps
Warranty	2 years
Regulatory Approvals	CE
12 volt DC section	
Internal battery type	Sealed lead acid, AGM
Internal battery capacity	20 amp-hours, 200 CCA
Internal battery voltage (nominal)	12 VDC
DC power socket (circuit breaker)	12 amps (automatic reset)
Cold cranking amps	200 amps
Charging System	
AC charger bulk charging current (max)	500 mA
Peak charging voltage (nominal)	14.5 volts
Charge restart voltage (nominal)	12.9 volts
Float charge current (nominal)	1 mA
Charging Time	
From AC outlet	max. 40 hours*
From DC outlet	max. 4 hours*
*Maximum charging time occurs when battery is completely discharged.	
General Specifications	
Air compressor	None
Jump-start cables	1 meter (39"), 8 AWG
Built-in fluorescent lamp	Two, 4 watt bulbs (replaceable)
Operating temperature	O°C - 40°C (32°F - 104°F)
Storage temperature	O°C - 30°C (32°F - 86°F)
AC receptacle	Schuko, UK and AUS/NZ
Inverter low battery alarm (nominal)	10.7 volts
Inverter low battery shutdown (nominal)	10.0 volts

370 Mariamman Koil Street, Srivilliputtur – 626125
Virudhunagar District, Tamil Nadu, India
Tel: 91-4563-265590/ 263627/ 263360
Delhi- 91-11-43026445/ 65767900 / 9810817592 / 9911726633
E-mail: transsolartechnologies@yahoo.co.in Web: www.transsolartechnologies.com

Dimensions (H x W x D)	30.0 x 18.2 x 31.8 cm (11.8 x 7.2 x 12.5")
Weight	8.2 kg (18.0 lb)
Warranty	12 months
Part number	852-1831 (Schuko) 852-1836 (UK) 852-1838 (AUS/NZ)
Regulatory Approvals	e-mark

XPower Powerpack 300 - 230 VAC/50 Hz

370 Mariamman Koil Street, Srivilliputtur – 626125
Virudhunagar District, Tamil Nadu, India
Tel: 91-4563-265590/ 263627/ 263360
Delhi- 91-11-43026445/ 65767900 / 9810817592 / 9911726633
E-mail: transsolartechnologies@yahoo.co.in Web: www.transsolartechnologies.com

Technical Specifications

XPower Powerpack 300 Plus - 230 VAC/50 Hz

Electrical Specifications	
115 volt AC section	
AC output power (max continuous)	250 watts
AC output power (5 min)	300 watts
AC surge power (peak)	500 watts
AC output voltage (nominal)	230 volts
AC output frequency	50 Hz +/- 4 Hz
AC output waveform	Modified sine wave
Inverter no-load current	<0.20 amps
Warranty	2 years
Regulatory Approvals	CE
12 volt DC section	
Internal battery type	Sealed lead acid, AGM
Internal battery capacity	20 amp-hours, 200 CCA
Internal battery voltage (nominal)	12 VDC
DC power socket (circuit breaker)	12 amps (automatic reset)
Cold cranking amps	200 amps
Charging System	
AC charger bulk charging current (max)	500 mA
Peak charging voltage (nominal)	14.5 volts
Charge restart voltage (nominal)	12.9 volts
Float charge current (nominal)	1 mA
Charging Time	
From AC outlet	max. 40 hours*
From DC outlet	max. 4 hours*
*Maximum charging time occurs when battery is completely discharged.	
General Specifications	
Air compressor	17 bar Kg/cm² (250 psi lbs. per square inch)
Jump-start cables	1 meter (39"), 8 AWG
Built-in fluorescent lamp	Two, 4 watt bulbs (replaceable)
Operating temperature	O°C - 40°C (32°F - 104°F)
Storage temperature	O°C - 30°C (32°F - 86°F)
AC receptacle	Schuko, UK and AUS/NZ
Inverter low battery alarm (nominal)	10.7 volts

370 Mariamman Koil Street, Srivilliputtur – 626125
Virudhunagar District, Tamil Nadu, India
Tel: 91-4563-265590/ 263627/ 263360
Delhi- 91-11-43026445/ 65767900 / 9810817592 / 9911726633
E-mail: transsolartechnologies@yahoo.co.in Web: www.transsolartechnologies.com

Inverter low battery shutdown (nominal)	10.0 volts
Dimensions (H x W x D)	30.0 x 18.2 x 31.8 cm (11.8 x 7.2 x 12.5")
Weight	9.0 kg (20 lb)
Warranty	12 months
Part number	852-1832 (Schuko) 852-1837 (UK) 852-1839 (AUS/NZ)
Regulatory Approvals	e-mark

XPower Powerpack 300 Plus - 230 VAC/50 Hz

370 Mariamman Koil Street, Srivilliputtur – 626125
Virudhunagar District, Tamil Nadu, India
Tel: 91-4563-265590/ 263627/ 263360
Delhi- 91-11-43026445/ 65767900 / 9810817592 / 9911726633
E-mail: transsolartechnologies@yahoo.co.in Web: www.transsolartechnologies.com

GT 3.0 Grid Tie Solar Inverter

The GT 3.0 Grid Tie Solar Inverter is a three kilowatt high performance PV string inverter that offers high efficiency, lower installed cost, improved aesthetics and high reliability.

Description

Our new inverter makes installation easier and more affordable

When Xantrex set out to develop the GT 3.0 Grid Tie Solar Inverter 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 three kilowatt high performance PV string inverter offers high efficiency, lower installed cost, improved aesthetics and high reliability. The GT 3.0 is a high quality product that offers the best price/performance ratio in the industry.

A High Performance String Inverter:

- >94% peak and average efficiency maximizes your PV investment
- Fast MPPT tracking algorithm ensures maximum energy harvest from your array under any conditions
- Excellent thermal performance: provides 3.0 kW up to 30º C and 2.5 kW to 45º C with no fan required
- Optional fan kit extends thermal performance for extremely hot climates
- FCC Part B compliance means less potential interference with communication, radio, and consumer electronics

370 Mariamman Koil Street, Srivilliputtur – 626125
Virudhunagar District, Tamil Nadu, India
Tel: 91-4563-265590/ 263627/ 263360
Delhi- 91-11-43026445/ 65767900 / 9810817592 / 9911726633
E-mail: transsolartechnologies@yahoo.co.in Web: www.transsolartechnologies.com

Easy and Less Costly 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 using each wiring box as a wiring raceway
- Easy access PV and utility terminal block simplifies wiring
- Integrated lockable utility/PV disconnect saves installation time and balance of system component cost
- Wiring box can be separated from the sealed inverter enclosure allowing DC/AC connections to remain intact in the unlikely event that the inverter needs to be serviced
- Rugged NEMA 3R inverter enclosure allows reliable outdoor and indoor installations

Full Featured Inverter Display and Communications:

- Liquid Crystal Display (LCD) provides instantaneous power, daily and lifetime energy production, PV array voltage and current, utility voltage and frequency, time online "selling" today, fault messages, and installer customizable screens
- 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
- Integrated RS232 and Xanbus RJ45 communication ports
- PC software for remote monitoring and system troubleshooting

Features:

- PV/Utility Disconnect Eliminates need for external PV (DC) disconnect. Complies with NEC
- Cooling: Convection (no fan required)
- Display: Backlit, two line, 16 character Liquid Crystal Display provides instantaneous power, daily and lifetime energy production, PV array voltage and current, utility voltage and frequency, time online "selling" today, fault messages, and installer customizable screens
- Wiring Box PV, Utility, Ground, and Communications connections. Wiring box can be separated from inverter
- Warranty 5 year parts and labor (10 year extended warranty available)

370 Mariamman Koil Street, Srivilliputtur – 626125
Virudhunagar District, Tamil Nadu, India
Tel: 91-4563-265590/ 263627/ 263360
Delhi- 91-11-43026445/ 65767900 / 9810817592 / 9911726633
E-mail: transsolartechnologies@yahoo.co.in Web: www.transsolartechnologies.com

Technical Specifications

GT 3.0 Grid Tie Solar Inverter

Electrical Specifications	
Maximum AC Power Output	3000 W
AC Voltage (nominal)	211 to 264 VAC (240 VAC)
AC Frequency (nominal)	59.3 to 60.5 Hz (60Hz)
DC Input Voltage Range	195 to 600 VDC
Peak Power Tracking Voltage Range	195 to 550 VDC
Current THD	<5%
Peak Inverter Efficiency	94.6%
Maximum Continuous Output Current	14.2 A
Over Current Protection	20 A
Night Time Power Consumption (Communications and Liquid Crystal Display continuously active)	1 W
Mechanical Specifications	
Operating Temperature Range	-25°C to +65°C (-13°F to +149 °F)
Enclosure Type	NEMA 3R
PV/Utility Disconnect	Complies with NEC
Unit Weight	45 lbs (20.4 kg)
Shipping Weight	58.7 lbs (26.6 kg)
Shipping Dimensions	34.1” x 20.4” x 10.3” (86.6 cm x 51.8 cm x 26.2 cm)
Inverter Dimensions (H x W x D)	28.5” x 15.9” x 5.7” (72.5 cm x 40.3 cm x 14.6 cm)
Mounting	Wall Mount (bracket included)
Part number/Model Number	864-0001 / GT 3.0-NA-DS-240
Regulatory Approvals	
CSA listed to UL 1741 and CSA107.1-01, FCC Class B	

Note: Specifications subject to change without notice.

370 Mariamman Koil Street, Srivilliputtur – 626125
Virudhunagar District, Tamil Nadu, India
Tel: 91-4563-265590/ 263627/ 263360
Delhi- 91-11-43026445/ 65767900 / 9810817592 / 9911726633
E-mail: transsolartechnologies@yahoo.co.in Web: www.transsolartechnologies.com