

XPower Inverter 3000 Plus



DC to AC Power Inverter



Mobile Power for Trucks, Boats or RV's

The XPower Inverter 3000 Plus is a heavy duty inverter that connects easily to a 12 VDC battery to provide up to 3000 watts of AC power for demanding applications. The XPower Inverter is ideal for long haul truckers who need to power home appliances, consumer electronics and office equipment on-board their truck. It is also suitable for contractors to operate power tools from their van or pick-up truck, and for use in an RV or boat.

Product Features

- ▶ Portable power for AC products rated up to 3000 watts
- ▶ Two AC receptacles each equipped with a 15 Amp breaker
- ▶ High surge capacity for products that require more power to start
- ▶ High efficiency - converts virtually all the battery's available power to AC
- ▶ Easy to read digital display shows battery voltage, current and AC power
- ▶ Mounting brackets for convenient installation
- ▶ Heavy duty stud connectors
- ▶ Remote On/Off switch
- ▶ One year warranty

Protection Features

- ▶ Overload and over temperature shutdown
- ▶ Over voltage protection (15.0 VDC)
- ▶ Low voltage alarm (11.0 VDC)
- ▶ Low voltage cut-out (10.5 VDC)

Product Applications

- ▶ Household Appliances: microwave ovens, bread makers, food processors, toasters, coffee makers, refrigerators, vacuum cleaners, fluorescent and incandescent lights, sewing machines and fans
- ▶ Power Tools: drills, jigsaws, sanders, buffers, circular saws and grinders
- ▶ Entertainment Electronics: 36" televisions, VCRs, video games consoles, stereos, musical instruments and satellite equipment
- ▶ Office Equipment: computers with 17" monitors, facsimile machines, scanners and phones

Xantrex Technology Inc.

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

5916 195th Street NE
Arlington, Washington
USA 98223
800 446 6180 Toll Free
360 925 5144 Fax

xantrex

XPower Inverter 3000 Plus

DC to AC Power Inverter

Electrical Specifications

Surge capacity (peak)	5000 watts
5 min. continuous power	3000 watts
Max. continuous power	2500 watts
AC output voltage	115 VAC +/- 5%
AC output frequency	60 Hz +/- 4 Hz
AC output waveform	Modified sine wave
Optimum efficiency	90%
No load current draw	< 0.6 A DC
Input voltage range	10.5 - 15.0 VDC

General Specifications

Operating temperature range	32°F – 104°F / 0°C – 40 °C
AC receptacle	Two
Dimensions (HxWxL)	18.5 x 8 x 6.25" (47 x 20 x 16 cm)
Weight	20 lbs (9 kg)
Warranty	One year
Part number	813-3000

Note: Specifications subject to change without notice.

Suitable Applications

When connected to a vehicle's engine battery, the XPower Inverter 3000 is suitable for powering light loads or for short-term use with heavy loads. For heavy loads, Xantrex recommends you use the inverter with a standalone deep-cycle RV, marine, or golf-cart battery.

Calculating Power Requirements

Wattage calculation: Volts x Amps = Watts

Choosing the Right Inverter Size

Example	Volts (AC)		Amps	=	Watts
Microwave Oven	115 V	x	8.2 A	=	943 W
Portable Heater	115 V	x	6.9 A	=	800 W
20" TV/VCR Combo	115 V	x	1 A	=	115 W
Total					1858 W

*The total Watts used by the microwave oven, the 20" TV/VCR combo and portable heater are within the XPower 3000 Plus' maximum continuous power rating.

Appliance Running Times per Battery Type

Examples	Power (W)	Battery Type (Amp Hours)				
		22 NF (50)	24 NF (75)	27 NF (100)	8 D (200)	Dual 8D's (400)
Computer system	200	2 hours	3 hours	4.5 hours	10 hours	20 hours
Power Drill	400	1 hour	1.5 hours	2 hours	4-5 hours	10 hours
Small Coffee Maker	600	n.r.*	0.75 hours	1 hour	2.5 hours	6 hours
Microwave Oven	1000	n.r.*	n.r.*	0.5 hours	1.25 hours	3 hours
Circular Saw	1500	n.r.*	n.r.*	n.r.*	0.75 hours	1.5 hours

* Not recommended