

XPower Inverter 1200 Plus/1750 Plus



1200/1750 Watts Modified Sine Wave



XPower Inverter 1200 Plus



XPower Inverter 1750 Plus

Mobile Power for Trucks, RVs and Minivans

The XPower Inverter 1200 Plus and 1750 Plus are compact and lightweight inverters that easily connect to a 12 VDC battery and provide up to 1200 watts or 1750 watts of AC power respectively. The inverters are ideal for long haul truckers who need to power home appliances, consumer electronic and office equipment on-board their vehicle. They are also suitable for small contractors to operate power tools from their van or pick-up truck, and for recreational users such as RV or automobile owners.

Product Features

- ▶ Portable power for AC products rated up to 1200 and 1750 watts
- ▶ Triple AC receptacles for connecting multiple loads
- ▶ High surge capacity for products that require more power to start
- ▶ Easy to read digital display indicates DC battery voltage
- ▶ LED bar graph displays output power
- ▶ High efficiency - converts virtually all the battery's available power to AC
- ▶ Mounting brackets for convenient installation
- ▶ Heavy-duty stud connectors
- ▶ One year warranty

Protection Features

- ▶ Overload and over temperature shutdown
- ▶ Over voltage protection (15.0 VDC)
- ▶ Low voltage alarm (10.7 VDC)
- ▶ Low voltage cut-out (10.0 VDC)
- ▶ Battery reverse polarity (internal fuse protected)

Product Applications

- ▶ Household Appliances: compact microwave ovens, bread makers, food processors, small bar refrigerators, small vacuum cleaners, fluorescent and incandescent lights, sewing machines and fans (1200 Plus and 1750 Plus), and microwave ovens, refrigerators, small freezers, coffee makers, popcorn makers, toasters (1750 Plus only)
- ▶ Power Tools: drills, jigsaws, sanders and buffers (1200 Plus and 1750 Plus), and circular saws, small grinders, weed and hedge trimmers (1750 Plus only)
- ▶ Entertainment Electronics: televisions, VCRs, video games, stereos, musical instruments and satellite equipment
- ▶ Office Equipment: computers with 17" monitors, printers, facsimile machines

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Electrical Specifications

Models	1200 Plus	1750 Plus
Max. continuous power	1000 watts	1500 watts
5 min. continuous power	1200 watts	1750 watts
Surge capacity (peak)	2000 watts	3000 watts
AC output voltage	115 VAC +/- 5%	115 VAC +/- 5%
AC output frequency	60 Hz +/- 4 Hz	60 Hz +/- 4 Hz
AC output waveform	Modified sine wave	Modified sine wave
Optimum efficiency	90%	90%
No load current draw	< 0.4 A DC	< 0.4 A DC
Input voltage range	10 – 15 VDC	10 – 15 VDC

General Specifications

Operating temperature range	32°F – 104°F / 0°C – 40 °C	32°F – 104°F / 0°C – 40 °C
AC receptacle	Triple	Triple
Dimensions (HxWxL)	3.2 x 9.4 x 11.4" (83 x 240 x 290 mm)	3.2 x 9.4 x 17.3" (83 x 240 x 440 mm)
Weight	6.8 lb (2.9 kg)	9.4 lb (4.3 kg)
Warranty	One year	One year
Part numbers	813-1050 808-9500 (optional remote)	813-1760 808-9500 (optional remote)

Note: Specifications subject to change without notice.

Suitable Applications

Connected to a vehicle's engine battery, the XPower Inverter 1200 and 1750 Plus are 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
Bread maker	115 V	x	5.5 A	=	632 W
Microwave Oven	115 V	x	8.2 A	=	943 W

* The bread maker is within the XPower Inverter 1200 Plus' maximum continuous power rating of 1000 watts.

* The microwave oven is within the XPower Inverter 1750 Plus' maximum continuous power rating of 1500 watts.

Operating Times for Popular Products

Examples	Power (W)	Battery Type (Amp Hours)				
		22 NF (50)	24 NF (75)	27 NF (100)	8 D (200)	Dual 8D's (400)
19" Color TV	100	4.5 hours	7 hours	10 hours	20 hours	40 hours
Computer system	200	2 hours	3 hours	4.5 hours	10 hours	20 hours
Blender	300	1 hour	2 hours	2.7 hours	6.3 hours	13 hours
Power drill	400	1 hour	1.5 hours	2 hours	4.5 hours	10 hours
Microwave oven	800	Not recommended	0.6 hour	0.8 hour	1.9 hours	4.5 hours
Toaster	1000	Not recommended	Not recommended	0.6 hours	1.4 hours	3.4 hours