



RS400 supplies up to 400 watts of continuous power

Provides 400 watts of clean sine wave AC power for your sensitive entertainment electronics

Offering superior quality sine wave output, the Xantrex Sine Wave Inverter RS400 is designed specifically to power entertainment systems in recreational vehicles. Its clean utility-grade output will not produce noise and distortion on TVs, VCRs, DVDs and stereos. The Xantrex RS400 supplies up to 400 watts of continuous power and with a surge rating of 800 watts, it can power complete entertainment systems including two 27" televisions.

With its robust electronic design, the Xantrex RS400 also includes a built-in transfer switch that automatically transfers between inverter power and incoming AC power. The inverter comes standard with dual AC outlets and AC hardwire connections that increase installation options and safety.

Product Features

- ▶ 400 watt inverter with 800 watt surge provides sufficient power for two entertainment systems
- ▶ Filtered sine wave output does not produce distortion on sensitive electronics
- ▶ Built-in transfer switch automatically transfers between inverter power and incoming AC power
- ▶ DSP control technology starts complex loads with ease
- ▶ Dual AC outlets and hardwire AC connections
- ▶ CSA/NRTL certified to UL458 and CSA 107.1
- ▶ One year warranty

Protection Features

- ▶ Battery over-voltage and under-voltage protection (with automatic reset)
- ▶ Over temperature shutdown (with automatic reset)
- ▶ Overload protection
- ▶ Short circuit protection
- ▶ Ground fault protection (GFCI)



CSA/NRTL certified to UL & CSA standards

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Electrical Specifications	
Output power	400 watts
Surge rating (5 seconds)	800 watts
Output current (peak)	10 A
Output voltage (at no load)	120 VAC +/-3 V
Output voltage (over full load and battery voltage range)	120 VAC RMS +/-5 V
Output frequency	60.0 +/-0.05 Hz
Output waveform	Sine wave (<3% THD)
Peak efficiency	88 %
No load power draw	<15 W
Power draw in standby mode	0 watts
Input operating voltage range	10.3 - 15.3 VDC
Transfer relay rating	6 A
General Specifications	
Operating temperature range	32°F – 104°F (0°C – 40°C), derated linearly to 300 W at 122°F (50°C)
Storage temperature range	-22°F – 158°F (-30°C – 70°C)
AC receptacle	Dual three-prong GFCI-Protected receptacle and hardwire on back of unit
Recommended DC fuse	80 A
Dimensions (H x W x D)	33.7 x 7.4 x 13.5" (83 x 187 x 343 mm)
Weight	10.0 lb (4.6 kg)
Part Number	806-0402
Remote Switch	optional (808-2400)
Regulatory Approvals	
CSA/NRTL certified to UL 458 and CSA C22.2 No. 107.1	
EMC: FCC Class B	

The technical drawing illustrates the Xantrex RS400 inverter from two perspectives: a front view (top) and a top view (bottom). The front view shows a device with a control panel on the left featuring a 'PRESS 7.5 RESET' button, an 'AC Input' indicator, an 'Inverter ON' indicator, a 'Low Battery' indicator, and a large LCD display. The top view shows the inverter's footprint with a 13.5" (343mm) width and a 6.9" (175mm) depth. Key dimensions include a 2.1" (54mm) top margin, a 1.0" (25mm) side margin, a 6.0" (153mm) internal width, and a 0.25" (6.4mm) hole diameter. The drawing also includes safety warnings, a caution label, and a label with technical specifications and model information.

Dimensions:

- Top View: 13.5" (343mm) width, 6.9" (175mm) depth.
- Front View: 7.36" (187mm) height.
- Internal Width: 6.0" (153mm).
- Top Margin: 2.1" (54mm).
- Side Margin: 1.0" (25mm).
- Bottom Margin: 6.25" (159mm).
- Control Panel Width: 3.27" (83mm).
- Top Hole Diameter: 0.25" (6.4mm).

Labels and Warnings:

WARNING: Do not touch the output terminals. The output terminals become very hot and may cause serious burns. Do not touch the output terminals until the inverter has cooled down. Do not touch the output terminals until the inverter has cooled down. Do not touch the output terminals until the inverter has cooled down.

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Label Information:

Model No. RS400
Part No. RS400
Serial No. RS400

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