

# Jazz 500 Power Inverter

Power That Really Moves™

## Jazz 500 Power Inverter

The higher output power of the Jazz 500 makes it well suited for powering multiple AC products simultaneously - like a TV and satellite receiver, or a table lamp and computer.

For running a wide variety of home electrical products – from small power tools to computers and ink jet printers – the Jazz 500 is the affordable choice for supplying AC power from a 12-volt battery. Whether powering products for work or play, you'll find the Jazz 500:

**Smart** – A special audio warning tells you when your vehicle's battery voltage is low and recharging is required. This prevents excessive discharge of the battery, ensuring that there is sufficient power remaining to start your car, van, or RV.

**Safe** – Shut down is automatic if the inverter becomes too warm (over temperature), or if the connected AC electrical product requires more power than the inverter can supply (overload). In addition, auto shut down engages when the DC input voltage is too high (over voltage), or too low (low battery voltage), and should the connected AC electrical product ever develop a short circuit.

**Reliable** – Designed to perform and manufactured to strict quality standards, the Jazz 500 will provide years of service when used properly. And like every Jazz model, it's backed by Xantrex, the world leader in advanced power electronics.

## Important Features include:

- Output power – 400 watts continuous, 1000 watts surge.
- ON / OFF switch with status light.
- FAULT light confirms auto shut down due to low battery voltage, excessive input voltage, over temperature condition, or overload condition.
- Audio warning advises of low battery voltage or over temperature condition.
- Dual, 3-prong AC outlet.
- Includes DC cable with clips for connecting to a 12-volt battery.
- Useful and easy-to-follow operating guide.



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## Jazz 500 specifications

### Electrical specifications

Output power - continuous	400 Watts
Output power - 30 minutes	500 Watts
Output power - surge	1000 Watts
Optimum efficiency	90%
No load current draw	<.25 A
Output waveform	modified sine wave
Output voltage	115VAC RMS $\pm$ 10 VAC
Input voltage range	10 to 15 VDC

### Mechanical specifications

Operating temperature range	0°C to +40°C / 32°F to 104°F
Weight	1.7 lbs. / .7 kg
Dimensions (L x W x H)	6.7" x 3.7" x 1.9" 170mm x 94mm x 49mm
AC receptacles	dual

### Protection features

Over temperature shutdown	yes, automatic
<i>Input protection</i>	
• Over voltage	15.0VDC
• Low voltage alarm	at 10.7 V
• Low voltage shutdown	at 10.0 V
<i>Output protection</i>	
• Overload shutdown	yes, automatic
• Short circuit protection	yes

**Note:** Specifications subject to change without notice.

#### Ideal for running:

- Computers & printers
- 27" TVs
- Blenders & can openers
- Small power tools