

## 400 Watt DC to AC Power Inverter with Transfer Relay



HI 400 AC Hardwire

HI 400 AC Hardwire with GFCI



CSA/NRTL Certified to UL 458

### 400-watt Continuous Output with 550-watt Surge

The HI 400 converts DC power into modified sine wave AC power. With a 400-watt continuous output and 550-watt surge, the unit is ideal for running TVs, stereos, laptop and desktop computers and other sensitive electronics. The inverter provides a well-regulated modified sine wave AC output, resulting in low distortion in TV picture reception and audio amplification.

#### Product Features

- ▶ Runs AC powered products up to 400 watts
- ▶ Modified sine wave output minimizes distortion on TV picture reception and audio amplification
- ▶ AC transfer switch will automatically transfer to and from shore power depending on its availability
- ▶ CSA/NRTL approved to UL 458
- ▶ One year warranty

#### Protection Features

- ▶ Ignition lockout: When connected, this circuit automatically turns the HI 400 inverter off when it senses the presence of 12 VDC power
- ▶ Ground Fault Circuit Interruption (GFCI) protection: optional model #80-0400-12 incorporates a GFCI receptacle to protect the output from a potential ground fault
- ▶ High and low DC voltage shutdown with automatic reset
- ▶ Over-temperature shutdown with automatic reset
- ▶ AC overload shutdown

#### Options

- ▶ Xantrex offers the HI 400 with an optional duplex GFCI AC receptacle. When a ground-fault condition is detected, the circuit is opened. The Reset button on the GFCI will need to be pressed to reset the inverter once the fault condition is cleared.

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### Electrical Specifications

<b>Output power (continuous)</b>	400 W (max.)
<b>Surge capacity (peak)</b>	550 W
<b>Output voltage</b>	120 VAC +/- 5%
<b>Output frequency</b>	60Hz +/- 0.1% crystal controlled
<b>Output waveform</b>	Modified sine wave
<b>Peak efficiency</b>	80%
<b>Nominal DC voltage</b>	12 VDC
<b>Input voltage range</b>	10.0 - 15.0 VDC
<b>AC transfer input</b>	120 VAC, 60 Hz, 4 A
<b>No load current draw</b>	50 A max.
<b>DC input current</b>	<400 mA
<b>AC receptacle (optional)</b>	Duplex GFCI

### General Specifications

<b>Dimensions (HxWxL)</b>	3.5 x 6.5 x 9.7" (89 x 165 x 246mm)
<b>Weight</b>	4 lb (1.8 kg)
<b>Warranty</b>	12 months
<b>Part No.</b>	#80-0401-12 (HI 400 with AC hardwire)
<b>Part No.</b>	#80-0400-12 (HI 400 with GFCI and AC hardwire)

### Regulatory Approvals

<b>CSA/NRTL</b>	Certified to UL 458 standard
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Note: Specifications subject to change without notice.

### Automatic, Built-in Transfer Switch

- ▶ Each HI 400 is equipped with an AC input cord located on the back of the unit. The cord may be plugged into an AC receptacle powered from an external source. Battery draw is minimized when external power is available by automatically transferring external AC power through the HI 400 to the load.

### Ignition Lockout for Enhanced Safety

- ▶ Recreational Vehicle Industries Association (RVIA) and some states require a TV, in a recreational vehicle, to be 'OFF' if in view of the driver when the vehicle is in motion. Connecting the ignition lockout turns the inverter off when 12 volts is applied to the lockout wire by the ignition. The wire is located in the wiring compartment at the back of the inverter.