

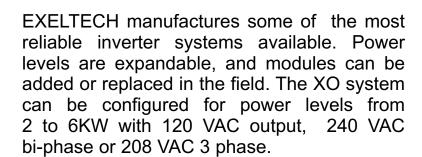
Manufacturer of True Sine Wave Power Inverters and Related Products

### **XO SERIES POWER INVERTERS**





- EXPANDABLE
- TRUE SINE WAVE
- 2000 WATT MODULES
- EXTREMELY LIGHTWEIGHT
- COMPACT
- MICRO PROCESSOR CONTROLLED



The XO system is extremely compact and lightweight. Power modules weigh only 12 lbs each. Output voltage is precisely regulated, so that no measurable voltage change occurs on the output as input voltage fluctuates. Typically, less than 1.2 volt change in output voltage will occur when the output load varies from 0 to 100% of rated power.

With distortion of 2% maximum, this inverter offers the cleanest sine wave power available. Models are available which cover 24, 48, 66 and 108VDC battery systems. Custom models can be designed to meet your specific input voltage requirements.







# **XO SERIES POWER INVERTER SPECIFICATIONS**

#### **OUTPUT POWER**

CONTINUOUS POWER	SURGE POWER	NO LOAD POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	WEIGHT LBS.
1700W	3400W	12W	100 +/-2%	16.7	15
3400W	6800W	24W	100 +/-2%	16.7	28.6
5100W	10200W	35W	100 +/-2%	16.7	37
2000W	4000W	12W	120 +/-2%	16.7 (15)*	15
4000W	8000W	24W	120 +/-2%	16.7 (15)*	28.6
6000W	12000W	35W	120 +/-2%	16.7 (15)*	37

<sup>\*12</sup>Vdc Rating- 1800W

# PROTECTION CIRCUITRY

Over Voltage: Shutoff at maximum input voltage, per input table.

Under Voltage: Shutoff at minimum input

voltage, per input table.
Shuts off due to over

Thermal: Shuts off due to over temperature condition.

Output Short: Unit shuts off:

electronically limited. Manual reset required.

#### **INPUT**

MODEL VOLTAGE	MINIMUM (TYPICAL)	SYSTEM (TYPICAL)	MAXIMUM (TYPICAL)	TYPICAL EFFICIENCY @ FULL POWER	PEAK EFFICIENCY @ 1/2 POWER
12V	10.4V	13.8V	15V	> 80%	> 83%
24V	20.8V	27.6V	30V	> 88%	> 90%
48V	41.6V	55.2V	60V	> 88%	> 90%
66V	57.2V	75.9V	82.5V	> 88%	> 90%
108V	93.6V	124.2V	135V	> 88%	> 90%

# ENVIRONMENTAL

Temperature: -25°C to +25°C full power,

derated -17% @ 50°C then 20% per 10°C above 50°C. 5 to 95% non-condensing Thermostatically controlled variable speed forced air

Finish: Powder coated

Warranty: Two years parts and labor.

#### **GENERAL**

CONDITIONS	MINIMUM	TYPICAL	MAXIMUM
WAVEFORM	-	SINUSOIDAL	-
LINE REGULATION	-	.1%	2%
LOAD REGULATION	-	1%	2%
DISTORTION	-	1.5%	2%
FREQUENCY	1%	60Hz	+.1%

#### **MECHANICAL**

Case size:

Humidity: Cooling:

7" Case HOLDS UP TO 2 MODULES

9 inches High 18 inches Deep 7 inches Wide Weight: 28 lbs.

9" Case HOLDS UP TO 3 MODULES

9 inches High 18 inches Deep 9 inches Wide Weight: 37 lbs.

## **XO SERIES SYSTEM PART NUMBER**

