

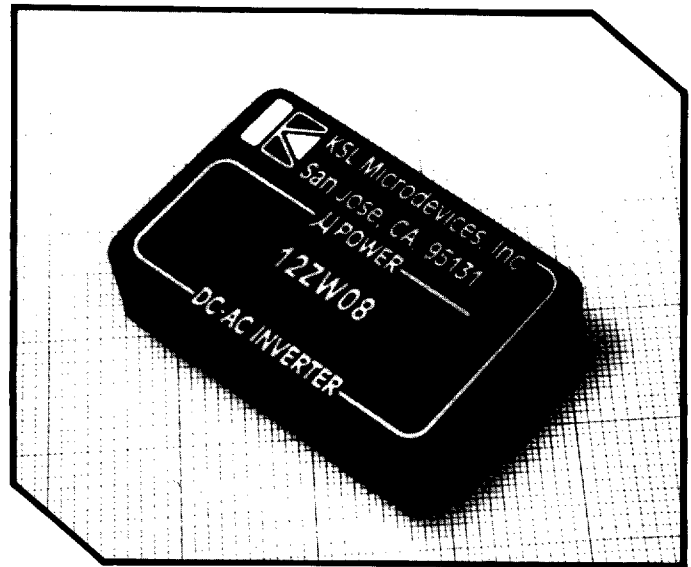
DC-AC Power Inverter Modules

Features

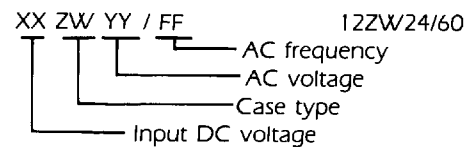
- Economy DC-AC power source
- Full Isolation of AC line power
- High power density
- Short circuit protection
- Metal case shielding
- Vacuum impregnated potting

General Specifications

- Input Voltage Range: $\pm 5\text{VDC}$ to 48VDC
- Output: 5VAC to 125VAC
- Frequency: 60Hz to 700Hz
- Wave form: Square wave
- Duty Cycle: 50%
- Nominal Input Power: 4 to 10 watts
- Input/Output Isolation: $100\text{M}\Omega/1000\text{VDC}$ min.
- Short Circuit Protection: current limiting
- Operating Temperature: -25°C to $+70^\circ\text{C}$
- Storage Temperature: -55°C to $+70^\circ\text{C}$
- Temperature Coefficient: $100\text{ppm}/^\circ\text{C}$
- Burn-in at 70°C for 4 hours and tested



Part Number — Custom Designs

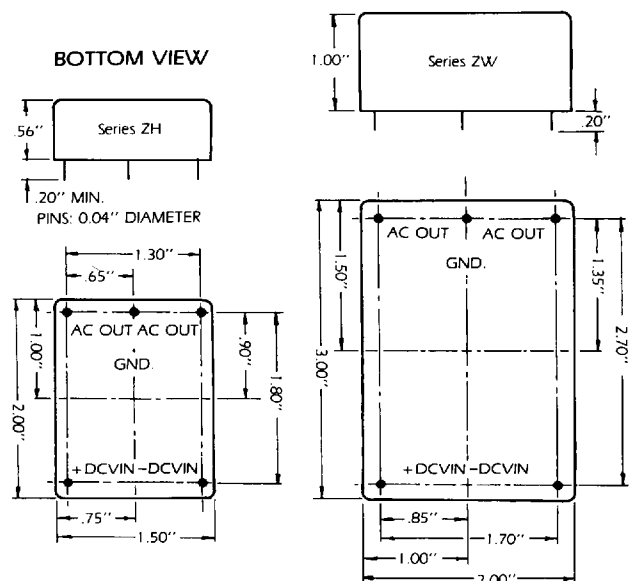


Selection Chart (Maximum Rating)

Model	Input Voltage	Output Voltage	Nominal Power
05ZHYY/ZZ	+/-5V	5V - 25VAC	4 watts
06ZHYY/ZZ	+/-6V	5V - 125VAC	4 watts
12ZHYY/ZZ	+/-12V	5V - 125VAC	4 watts
15ZHYY/ZZ	+/-15V	5V - 125VAC	4 watts
24ZHYY/ZZ	+/-24V	5V - 125VAC	4 watts
28ZHYY/ZZ	+/-28V	5V - 125VAC	4 watts
48ZHYY/ZZ	+/-48V	5V - 125VAC	4 watts
05ZWYY/ZZ	+/-5V	5V - 125VAC	10 watts
06ZWYY/ZZ	+/-6V	5V - 125VAC	10 watts
12ZWYY/ZZ	+/-12V	5V - 125VAC	10 watts
15ZWYY/ZZ	+/-15V	5V - 125VAC	10 watts
24ZWYY/ZZ	+/-24V	5V - 125VAC	10 watts
28ZWYY/ZZ	+/-28V	5V - 125VAC	10 watts
48ZWYY/ZZ	+/-48V	5V - 125VAC	10 watts

*Specifications subject to change without notice

Package Dimensions



KSL Microdevices, Inc., 2153-D O'Toole Ave., San Jose, CA 95131, (408) 922-0800 FAX (408) 922-0629