

Series ZH and ZW μ POWER™ Compact Unit-on-Board

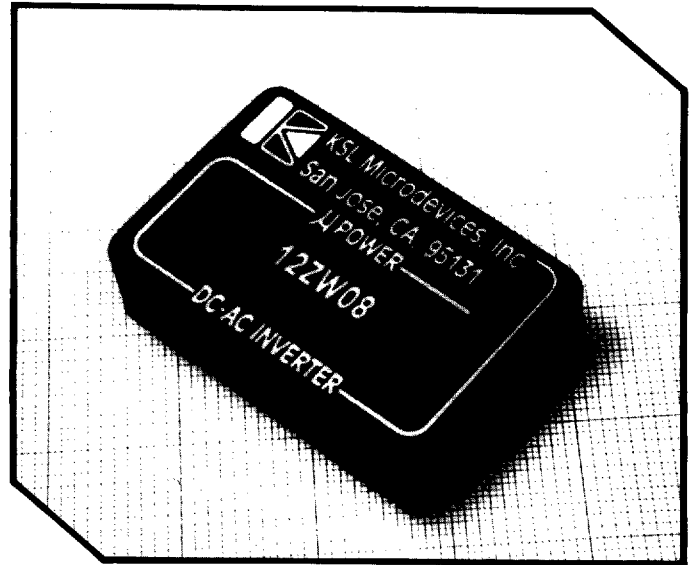
DC-AC Power Inverter Modules

Features

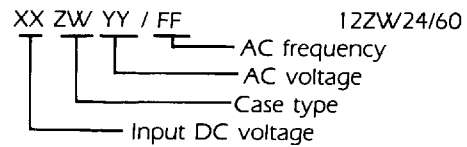
- Economy DC-AC power source
- Full Isolation of AC line power
- High power density
- Short circuit protection
- Metal case shielding
- Vacuum impregnated potting

General Specifications

- Input Voltage Range: ± 5 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: 100M Ω 1000VDC min.
- Short Circuit Protection: current limiting
- Operating Temperature: -25°C to +70°C
- Storage Temperature: -55°C to +70°C
- Temperature Coefficient: 100ppm/°C
- Burn-in at 70°C for 4 hours and tested



Part Number — Custom Designs

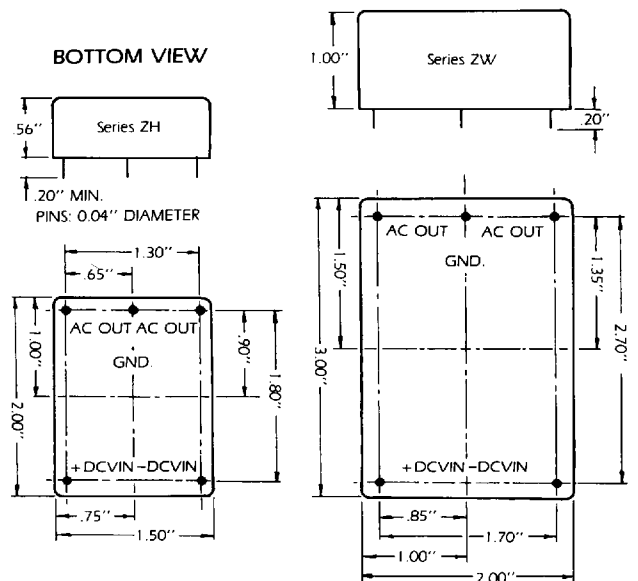


Selection Chart (Maximum Rating)

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



5048836 0000149 761



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