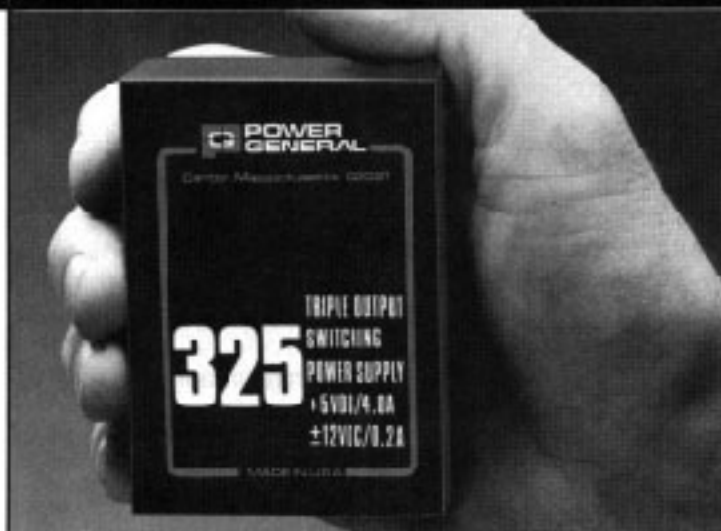


POWER GENERAL

INDUSTRY STANDARD 25 WATT ENCAPSULATED SWITCHING POWER SUPPLIES SINGLE-DUAL-TRIPLE OUTPUTS

125, 225, 325 SERIES



FEATURES

- 70% to 80% efficient
- 90-130 VAC or 180-250 VAC input
- Regulated outputs
- Low output noise
- Direct P.C. board or chassis mounting
- 14 to 20 oz. total weight
- Overvoltage and overcurrent protected
- Fully isolated outputs
- Optional shielded metal case

APPLICATIONS

- Microprocessor Based Systems
- Analog/Digital Systems
- General purpose power supply

GENERAL DESCRIPTION

POWER GENERAL's 125, 225 and 325 series are a family of industry standard, 25 watt modular encapsulated switching power supplies. Featuring single, dual, and triple outputs, these supplies utilize the half-bridge switching configuration to achieve high efficiency and very low noise and ripple.

The MTBF per MIL standard MIL-HDBK-217 is 35,000 hours minimum. Overvoltage and over current protection are standard on all models. Factory wired input voltage ranges

of 90-130 VAC or 180-250 VAC at 47 to 450 Hz are available.

The 125, 225 and 325 series are cased in compact, light weight fully encapsulated packages that withstand high vibration and adverse atmospheric conditions. All models are available for either P.C. mounting or chassis mounting. Screw inserts are provided on the bottom of both versions. A six sided shielded metal case is available as an option.

BLOCK DIAGRAM: 325 SERIES

