



**POWER
SUPPLIES**

PS1050 Power Supply

PS1050

Power Supply
10 amps, 50 VDC

Features

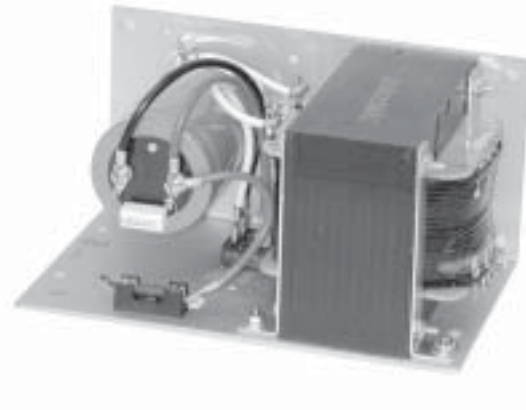
- Input Voltage: 108–264 VAC
- Output Voltage: 50 VDC nominal
- Typical Output Voltage:
 - 56.6V no load
 - 52.8V at 5 amps
 - 48.8V at 10 amps
- Output Current: 10 amps max, continuous
- Input Frequency: 47–63 Hz
- Max Ambient Temp: 55°C
- Filter Capacitor: computer grade (long life)
- Rectifier Bridge: 50 amp, 200 volt
- Output Voltage Ripple: 3% rms max at nominal AC line voltage
- Weight: 19 pounds
- Made in USA

Description

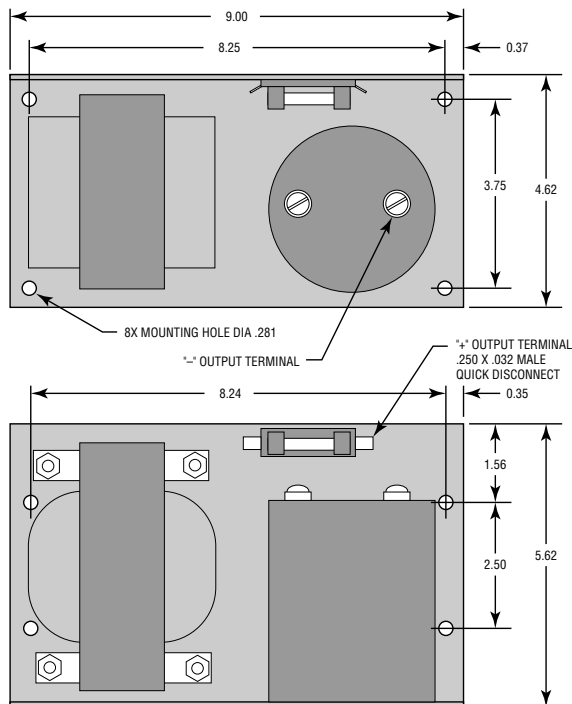
The PS1050 is a heavy duty linear, unregulated power supply. It is an ideal power source for Applied Motion's 5560, 7080 and 7080i series step motor drives, combining over 500 watts of output power and outstanding reliability.

The PS1050 provides isolation from the AC line and is fused for safety.

The PS1050 is constructed on an open frame aluminum chassis.



MECHANICAL OUTLINE



BLOCK DIAGRAM

