

MPS-80

80 WATT DC POWER SUPPLY



DESCRIPTION

The MPS-80 is an unregulated DC power supply with a full 80 watts of power. It is designed to provide a range of matching DC voltages for today's OEM drive and control applications.

The compact and rugged aluminum package makes the MPS-80 easy to install. A torroid transformer is used to achieve the small size and high-power output. Unlike open frame designs, AC line voltages are contained within the case for safety. A fused power switch is included for convenience and a cooling fan option is available.

PROTECTIONS

- Primary AC inputs- both sides of mains are fused.
- Torroid transformer- CE approved with over temperature thermostats and polly fuse protection.
- High power DC outputs are fused.

ELECTRICAL SPECIFICATIONS

AC Input (mains).....	120 or 240 VAC
AC Input Power.....	90 VA
AC Input Frequency.....	50 - 400 Hz
Logic Output.....	11.4 VDC (15 VDC- no load)
Logic Power.....	0.7 Amps DC
Series Output	64 VDC (83 VDC- no load)
Series Current.....	1.25 Amps DC
Parallel Output.....	33 VDC (42 VDC- no load)
Parallel Power.....	2.25 Amps DC

Measurement conditions:

- AMS model *mStep-407* driver with 6 amp current setting.
- AMS model AMH34-1303-3 (1,300 oz/in) step motor wired in series at 4.5 amps.

Dimensions in inches (mm)

