

# STORAGE SUPPORT SOLUTIONS

**PDE** TECHNOLOGY CORPORATION  
PRODUCTION • DESIGN • ENGINEERING



## E502 SCSI MULTI-DRIVE ENCLOSURE

- Provides an external housing solution for 5.25" or five 3.5" drives
- Turnkey solution includes:
  - Removable hard drive bezel with LED
  - Data cables and SCSI id
  - Quick mount drive mounting hardware
- Highest quality on the market
- 1 year warranty
- Contemporary design
- Maximum flexibility
  - Can be configured for :
    - 1-3 1/2 height hard drives
    - 1-5 low profile hard drives
    - 1-2 1/2 height 5 1/4" drives
    - 5 1/4" full height drives
- Designed to exceed requirements for 10,000 RPM and LVD drives

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## COOLING SYSTEM

- 80x80x25mm Hi volume cooling fan
- Conductive cooling mounting plates

### SPECS:

	1-2 DRIVE	3-5 DRIVE
● Size	80x80x25 mm	80x80x25 mm
● Air Flow	37 CFM	42.5 CFM
● RPM	2500	3200
● Power	1.4 watts	2.6 watts
● Construction		Ball bearing construction
● Protection		Locked rotor protection
● Design		4 pole DC motor design
● Approval		UL, CSA, TUV approved






## POWER SYSTEM

- 1 65 watt typical / 97 watt peak auto sensing power supply

### SPECS:

- Input.....90-260 VAC auto sensing
- Size.....L-127mm; W-76mm; H-38 mm
- mtbf 60,000 hours at full load (25PC)
- Short circuit protection with auto recovery
- Over voltage protection with auto recovery
- UL, CSA, TUV approved

Output Voltage	Min	Typical	Peak	Tolerance	Rippled Noise	Regulation	
						Line	Load
+5v	0.2A	3.5A	5.0A	2 %	50 mv	1%	2%
+12v	0.3A	4.0A	6.0A	10%	120mv	2%	10%

## TESTING PROCEDURE

- Hi Pot
- Voltage
- Cosmetic
- Functionality
- Ground
- Power supply with load
- Electrical
- Mechanical
- Continuity
- Cooling system

## PART NUMBERS FOR MODEL E502

- 11-1010 2 drive, narrow w/HD50
  - 11-1011 3 drive, wide
  - 11-1012 1 drive, DLT, wide
  - 11-1013 5 drive, wide
  - 11-1014 2 drive, narrow w/c50
  - 11-1017 1 drive, DLT, narrow
- Other configurations available.  
 •• Delayed start drive function must be used in multi-drive models.

## APPROVALS



Designed to meet FCC and Safety Agency requirements

## SPARE PARTS AND /OR OPTIONS

- Power supply.....25-1009
- Fan.....25-1011
- HDD Bezel.....22-1040
- Wide (68 pin) data cable, 1 drive....29-0036
- Wide (68 pin) data cable, 3 drive....29-5004
- Wide (68 pin) data cable, 5 drive....29-5002
- Wide SCSI ID kit.....14-1065
- Narrow SCSI ID kit.....14-1066
- Audio jack kit.....14-1067
- 3.5" removable media drive mounting kit.....14-1032
- Narrow (50P) data cable, 1 drive.....29-0066
- Narrow (50P) data cable, 2 drive.....29-0107
- 68 pin active terminator.....14-1041
- 68 pin LVD mm terminator.....14-1025
- 50 pin active terminator.....14-1045
- 3' external cable HD68m-HD68m.....29-0040
- 3' external cable HD68m-UHDC168m.....29-0098
- 3' external cable HD68m-HD50m.....29-0095
- 3' external cable C50m-C50m.....29-0106

All other cables and terminators available

Weight 12 lbs each with packaging  
 Master Carton of 3 pieces is 40 lbs  
 OEM/BULK Packaging is available

