

OPERATING FEATURES

The TK50 subsystem operates with the M7547 controller module installed in PDP-11 or VAX systems. It provides backup requirements when installed as an add-on.

The TK50 subsystem is supported by PDP-11 and VMS software and is compatible with the Digital Storage Architecture (DSA) Mass Storage Control Protocol (MSCP).

ENVIRONMENTAL REQUIREMENTS

Tape drives are susceptible to high humidity, high temperature, shock, and radiated emissions. The tape drive operates within a temperature range of 10 to 40°C (50 to 104°F). Refer to Appendix B for detailed environmental and operating specifications.

POWER SUPPLY

The TK50 subsystem power supply uses either 120 or 240 Vac primary power selected by a voltage select switch (VOLT SEL) on the rear panel. The switch is factory set to 120 Vac (TK50-RA, TK50-DA) or 240 Vac (TK50-RB, TK50-DB). The power supply provides:

- +12 A Vdc for the tape drive
- +12 B Vdc for the dc cooling fan
- +5 Vdc for the control logic.

The +5 Vdc and +12 Vdc regulators are not adjustable.

Circuit breaker (CB) protection on the primary line includes protection to prevent overheating of the tape drive. Refer to Appendix B for power supply specifications.

DC COOLING FAN

The dc cooling fan receives +12 B Vdc from the power supply. The fan attaches to the inside of the rear panel, pulls air from the subsystem front and exhausts it out the rear.