

500P FEATURES AND SPECIFICATIONS

Models:

- 500P1 - 9.5-18VDC operation; 12V non-isolated power for computer.
- 500P2 - 9.5-18VDC operation; 12V isolated power for computer. (Standard model.)
- 500P3 - 18-36VDC operation; 12V isolated power for computer.

Architecture: 10-slot mainframe, accepts AMM2 16-bit/50kHz or AMM1 12-bit/33kHz Analog Measurement and A/D Module.

Interface: Keithley custom memory-mapped interface. Available for IBM PC/XT/AT and PS/2 architectures.

System Requirements: 100% IBM-compatible computers having at least one half-length expansion slot.

Size and Weight (excluding connectors): 11.76 cm x 32.72 cm x 28.11 cm (4.63" x 12.88" x 11.07") and 5.5 kg (12 pounds)

Case: ruggedized steel/aluminum extrusion. Rack mount kit available.

Front Panel: ON/OFF switch, power, and status indicator lamps.

Rear Panel: power input, computer power output, auxiliary power output, interface cable connector, removable sensor connector panel.

Power Supply Requirement:

- 500P1 and 500P2 - 9.5-18VDC @ 10A max*.
- 500P3 - 18-36VDC @ 5A max*.

Overload Protection: Up to 60V for one second. Up to 5 joules above 60V. Fused and reverse-polarity protected.

Power Supply Capacity: +5V @ 4A max., +15V @ 0.8A max., -15V @ 0.8A max.

Power output: +5V @ 0.3A+/-15V @ .25A available from rear panel DB9S connector.*

Computer Supply (500P-2 and 500P-3, only): isolated and conditioned 12V +/- 2% @ 2.5A . Adds 35W to input power requirements (3A @ 12V).

Operating Temperature: -20 to +50 degrees C at up to 85% RH (non-condensing). Thermostatically-controlled 12CFM fan with filter.

Storage Temperature: -20 to +60 degrees C.

Certification: Meets FCC Part 15J, Class A standards for RFI emissions.

* depends on modules and external loads.

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SPECIFICATIONS

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