

Variable Power Supply Module

Logic Supply

Low voltage output for digital circuits

Voltage	2.5V to 6V programmable
Resolution	0.01V
Over voltage	3V to 7V programmable threshold
Resolution	0.1V
Current	5A
Short circuit current	7A
Short circuit duration	indefinite (auto recovery)
Load regulation	0.5% (20% to 80% load change)
Ripple voltage	80mV pk-pk max

Variable Positive Supply

Positive voltage output for analogue circuits

Voltage	0 to +24V programmable
Resolution	0.01V
Current	1.5A max
Over current limit	50mA to 1.5A programmable threshold
Short circuit current	1.5A
Short circuit duration	indefinite (auto recovery)
Load regulation	0.1% (20% to 80% load change)
Ripple voltage	50mV pk-pk max

Variable Negative Supply

Negative voltage output for analogue circuits

Voltage	0 to -24V programmable
Resolution	0.01V
Current	1.5A max
Over current limit	50mA to 1.5A programmable threshold
Short circuit current	1.5A
Short circuit duration	indefinite (auto recovery)
Load regulation	0.1% (20% to 80% load change)
Ripple voltage	50mV pk-pk max

Physical data

Weight	5kg
Size	295 x 247 x 65mm
Power rating	150W max
Connectors and cables	power cable, parallel interface cable, logic and ground cables, +V and -V cables
PC requirements	(Minimum) System capable of running Windows 95/98 with at least 32MB of RAM and 20MB of free hard disk space ECP/EPP capable parallel port or 16550 serial port

The ABI development team strive continually to improve their products for the benefit of the customer. The specification of current products may therefore vary from that described in this brochure.



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