

# 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.*



**ABI Electronics Ltd**

Dodworth Business Park  
Barnsley S75 3SP  
South Yorkshire  
United Kingdom

Tel: +44 (0) 1226 207420  
Fax: +44 (0) 1226 207620  
[www.abielectronics.co.uk](http://www.abielectronics.co.uk)