

Convel BPS4000 Triple Output Bench Top Power Supply 4 to 6VDC, 12 to 15VDC and -12 to -15 VDC

The BPS4000 provides three fully stabilised and smoothed variable DC power sources.

The voltages can be adjusted by rotating graduated controls on the front panel. All three outputs are short circuit and reverse connection protected. Additional protection is provided by current limiting and an internal thermal shut-down mechanism.

A 20mm x 5mm mains fuse accessible from the rear panel provides further protection



GENERAL SPECIFICATIONS

Mains Input	240VAC ($\pm 7.5\%$) 50Hz via 1 metre 3-core cable, on/off switch and 20mm x 5mm mains fuse rated 0.5A
Power-on Indication	LED on front panel
DC Output 1	4 to 6V, adjustable by front panel control. Maximum current 0.5A. On this output the indicated area on the front panel is for T.T.L. applications and provides a reminder of the voltage range (4.75 to 5.25)
DC Outputs 2 & 3	+12 to 15V and -12 to 15V. The two outputs share a common 0V, are adjusted simultaneously by a single front panel control and are isolated from output. 1. Maximum current 0.5A.
Protection	All 3 outputs have an internal current limit of approximately 1A for overload protection.
Load Regulation	Typically 0.5% (all outputs)
Ripple and Noise	Typically 5mV rms (all outputs)
Ambient Temp Range	0°C to 35°C
Storage Temp Range	-10°C to 80°C
Termination	For use with 4mm wander plugs or as a binding post for wire connection.
Dimensions (h x w x d)	76 x 160 x 138mm
Weight	1.5kg

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