The BPS5000 provides three fully stabilised and smoothed variable DC power sources. Maximum versatility is achieved by making each output isolated from the other so that they may be interconnected to provide plus and minus rails or added together for higher voltages.

Outputs are current limited. An internal diode protects against reverse connection. Further protection is provided by an internal thermal overload mechanism which decreases the output voltage on continued overload.

Indicator lights give an indication of excessive output current being drawn. An indicator light also gives identification of the mains power being on.

Outputs are terminated on 4mm terminals which double either as binding posts for wires or sockets for 4mm plugs.

A double-section bobbin transformer and careful layout internally ensures that the maximum mains/output isolation is achieved for greater safety.