

ADJUSTABLE LABORATORY POWER SUPPLY

LPB 150 SERIES



- Adjustable output 0-30VDC or 0 - 60VDC
- Adjustable current limits
- Up to 150W of regulated output power
- Full electronic protection
- Field-proven design topology
- Current and Volt meters
- Custom output ranges available

The LPB 150 Series is ideally suited to general purpose laboratory applications such as low power circuit design. Due to the limited output power (150W) the unit is also suitable for educational purposes in schools and colleges. Yet, the LPB 150 is a professional quality unit, meeting the highest electrical performance requirements. The output voltage and current are displayed on an easy-to-read analogue display. The design also features high efficiency and low output noise. The power supply is fully protected. As lab power supplies are subjected to significant abuse, extreme ruggedness is essential. The basic design has been used for many years and has an impressive track record.

SPECIFICATIONS

Input Voltage

95V - 264V universal
47-63Hz

Input Protection

Thermal fuse (internal)
Inrush current limiting

Input Isolation

2250VDC input to chassis
4300VDC input to output,
8mm spacing
500VDC output to chassis

Full compliance to IEC950, CSA
22-2-950 and UL 1950

Output Voltages

LPS 150-30 : 0 - 30VDC/5A
LPS 150-60 : 0 - 60VDC/2.5A
Consult factory for other voltage
ranges

Line/Load Regulation

±1% combined

Overload Protection

Current limiting with short circuit
protection.
Self-resetting thermostat for
thermal protection

Efficiency

Min 80% at full load

RFI Suppression

Meets requirements of
EN55022 Class B

Output Ripple/Noise

Better than 1% of output voltage
peak to peak or 0.2% RMS of the
output voltage (20HZ BW)

Operating Temperature

0 to +50°C

Temperature Drift

0.03% per °C over operating
temperature range

Dimensions

5" x 6.5" x 12" deep

Connections:

Input: Standard IEC 320
connector.
Output: banana sockets

Warranty

Twelve months subject to
application within good
engineering practice

Enhancements to these general specifications and customizing can be accommodated upon request
Designed to meet all approval requirements

**Designer and manufacturer of quality converters, inverters, UPS systems, complete rack mount systems
and DC-input fluorescent lamp inverters since 1982. Custom or standard.
Absopulse is a BAPT-approved Facility**

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