

**POWER SUPPLY - extra high voltage - 6000V.DC.****Cat: LB2615-001 0-6000V.DC. 3mA at short circuit****DESCRIPTION:**

This is a special purpose compact laboratory power supply which may be used for electrical experiments requiring smoothed DC high voltage. The output voltage may be smoothly adjusted from zero to 6000V.DC. at no load. As current is drawn from the unit, the voltage falls quickly so that the short circuit current (zero output volts) is approx. 3mA. The power supply is used with discharge tubes and similar experiments where the current flow is very small. The output voltage is monitored by a large meter.

Mains power is controlled by an illuminated ON/OFF switch and the high voltage output is controlled by a separate ON/OFF switch.

LB2615-001 0-6000V.DC. EHV power supply**Physical size: 322x 155x110mm LxWxH Weight: 2.8 kg**

OUTPUT VOLTAGES AVAILABLE: The High Voltage DC. output is filtered by capacitance and is fully floating (does not relate to earth). The 4mm safety output sockets provide twin outputs of 0-3000V.DC. These outputs can be connected in series to obtain 0-6000V.DC. or can be used separately.

A low voltage output of 6.3V.AC. at 4 amps max. is provided and is protected by a self resetting thermal overload. This low voltage is normally used for heaters in electron tubes (Teltron or similar). Two pair of 4mm spin free socket head terminals are provided for this output.



SPECIFICATIONS:

Input: 220/240V.AC. 50/60Hz. approx 0.5 amp.

Outputs:

* Adjustable 0-6000V.DC. with voltmeter. Max.current: approx. 3mA (at short circuit)

* 2x 6.3V.AC. Max.current: 4 amps total load.

Protection:

Low voltage: By audible thermal, auto-resetting overload.

High voltage: Current is limited to a maximum of approx. 3mA.

Physical:

322x155x110mm LxWxH

Weight: 2.8 kg.

Designed and manufactured in Australia