

Power Supply General Purpose



LB2631-001 10A.AC. 8A.DC.

Description:

This IEC **Power Supply** is a robust and compact unit and is designed for general laboratory use. It is suitable for most general laboratory experiments where close voltage regulation and DC ripple are not important. Output is up to 12V. AC or DC switched in 2V steps. Terminals are provided for both AC and DC outputs and they are 4mm socket head, spin free design. Mains cable is removable for ease of storage and replacement.

Note: If the DC ripple must be reduced, a suitable electrolytic capacitor (perhaps 2500 microfarads x 40 volt) may be connected across the DC output terminals. When using electrolytic capacitors, take care to use correct polarity.

Specifications:

Input: 220/240V.AC. 50/60Hz 0.5 Amp Standard removable mains cable.

On/off: By illuminated mains on/off rocker switch on front panel.

Outputs:

AC output: Switch selected 2, 4, 6, 8, 10, 12V.AC (nominal) at 10 Amp continuous.

DC output: Switch selected 2, 4, 6, 8, 10, 12V.DC (nominal) full wave rectified and unfiltered at 8 Amps continuous and 10 Amps intermittent.

If both the AC and DC outputs are used simultaneously, when the total load exceeds about 10 amps, the overload will trip.

Protection: Overload and short circuit protection is by an audible, internal, automatically self resetting thermal overload. IEC manufactures many types of regulated and unregulated power supplies for educational use. Ask your IEC dealer for more information on our range.

This power supply is similar to the famous LB2633-001 but has a larger current output. It is fitted with a larger transformer and rectifier and cannot be provided in the sloping panel format.

Length: 176mm	Width: 170mm	Height: 110mm	Weight: 3.7kg
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Designed and manufactured in Australia

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