Power Supply

General Purpose

LB2632-001 (2, 4, 6, 8, 10, 12V AC/DC 15A with Circuit Breaker)

Description:

The IEC **Power Supply** is a robust and compact unit and is designed for general laboratory use. It is suitable for most 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.

Notes:

If the DC ripple must be reduced, a suitable electrolytic capacitor (perhaps 4700 microfarads x 40 volt) may be connected across the DC output terminals being sure to use the correct polarity.

This power supply is similar to the famous LB2633-001 but has a much larger current output. It is fitted with a larger transformer and rectifier and cannot be provided in the sloping panel format. The large current output of this instrument is controlled against overload by a fast circuit breaker rather than the thermal overload used in the smaller models. This lever operated circuit breaker can be used as a convenient on/off switch for the output.

Because this Power Supply has much larger transformers and rectifiers, it is not available in the sloping front panel format.

Length: 325mm	Width: 180mm	Height: 110mm	Weight: 6.5kg

Specifications:

Input: 220/240V.AC. 50/60Hz 1 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 15 Amp continuous.

DC output: Switch selected 2, 4, 6, 8, 10, 12V.DC (nominal) full wave rectified and unfiltered at 12 Amps continuous and 15 Amps intermittent.

Protection: Overload and short circuit protection on the combination of both the AC and the DC outputs is by a manual reset panel mounted circuit breaker. Breaker is reset by operating a switch lever.

Mains Cables:

These power supplies are fitted with a removable mains cable for easier storage in the classrooms. This is an advantage also for overseas customers who can now easily source and supply their own officially approved mains cables from their own country to plug into the universal socket on the rear panel of the IEC product.

IEC manufactures many types of regulated and unregulated power supplies for educational use. Ask your IEC dealer for more information on our range.

Designed and manufactured in Australia