



POWER SUPPLY - mini-pak

Cat: LB2629-001 2, 4, 6, 8, 10, 12V.AC/DC compact model

DESCRIPTION:

The IEC 'Mini Pak' power supply is a very compact and robust unit with a convenient sloping front panel. It is designed for general laboratory use. It is suitable for most general laboratory experiments where close voltage regulation and DC ripple are not important. 4mm safety sockets are provided for both AC and DC outputs and they accept also standard banana plugs. The performance is the same as the famous LB2633-001 model.

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. When using electrolytic capacitors, always be sure to use the correct polarity.

LB2629-001 (compact model)



Physical size: 170x130x83mm LxWxH

Weight: 1.9 kg

This compact power supply was developed to fit into our standard carry case for our Electricity and Electronics kits (EM1673-001 and similar). It is complete with carry handles and rubber feet to prevent sliding around the bench.

A convenient front panel indicator is green when the power is on and it changes from green to red when the power supply is overloaded.

**SPECIFICATIONS:**

Input:

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

On/off:

By illuminated mains on/off rocker switch mounted on rear panel. Power ON is monitored on front panel by green LED. Changes to red when overloaded.

Outputs:

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

DC output: Switch selected 2, 4, 6, 8, 10, 12V.DC (nominal) full wave rectified and unfiltered 5 Amps continuous.

If both the AC and DC outputs are used simultaneously, when the total load exceeds about 6 amps, the overload will trip.

Protection:

Overload and short circuit protection is by an audible, internal, automatically self-resetting thermal overload. Overload trip and reset is monitored also by a red LED on the front panel.

Physical: 170x130x83mm length x depth x height

Weight: 1.9 kg (including cable)

The 'IEC' LB2633-001 is a similar power supply to the LB2629-001 'Mini-pak', but is slightly larger. Instead of 4mm safety sockets, the LB2633-001 model uses 4mm terminals with spin-free heads.

The 'IEC' LB2634-001 is the same as LB2633-001 but it includes an LED on the front panel that indicates if the output is in overload condition.

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

Designed and manufactured in Australia