



THE LAB EQUIPMENT

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Product Name :

Power Supply Variable

Product Code :

SLE/PHY/272



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Description :

A popular, advanced, continuously-variable power supply unit with LED digital display, the College Power Supply Unit is ideal for demonstration purposes and for use by students in advanced level courses.

It provides a fine and smooth, continuously-variable AC or DC voltage at a combined maximum current of 8.5A.

Microprocessor tripping circuitry will differentiate between a real short-circuit or a temporary current surge.

The DC is smoothed by an internal 2200 μ F capacitor.

AC or DC voltage reading is selected by a toggle switch and indicated by a bright green, easy-to-read 12.5mm LED display.

Technical Specifications :

Output Voltage continuously variable by rotary knob from 0 to 25V

Continuously rated combined current of 8.5A, AC or DC

Heavy-duty 40A Schottky barrier diodes employed for rectification, together with high performance toroidal transformer, reduce the weight of the power supply and power waste - thus eliminating the need for a noisy and troublesome cooling fan.

Slow-blow fuse-protection for primary.

Thermal fuse protection for transformer.

Digital display for voltage for AC or DC, selected by toggle switch

Fully protected secondary by high speed, resettable microprocessor-controlled trip.

Dimensions: 300 x 115 x 155mm (W x D x H)

Weight: 5.5kg

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