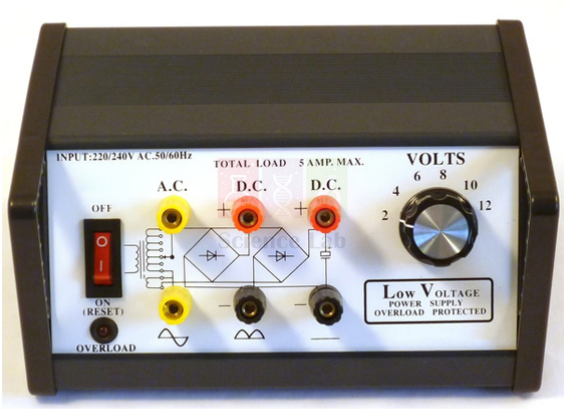
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Product Name :

Power Supply, Smoothed

Product Code :

SLE/PHY/273



Science Lab

Email : sales@scilabexport.com
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Description :

Power Supply, Smoothed (Product Code: SLE/PHY/273) is a stepped low-voltage bench supply with a specially smoothed output, used to power electronics circuits in school and college laboratories. It delivers 2 to 12 V AC or DC in 6 steps at 5 A from a 230 V AC, 50 Hz mains input, and it is the smoothed version of the Power Supply, Stepped. It is manufactured by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, as part of its range of test and measurement instruments in India.

Specifications

Parameter	Detail
Type	Stepped power supply, specially smoothed for electronics applications
Output	2-12 V AC/DC in 6 steps
Current	5 A
Input	230 V AC, 50 Hz
Dimensions	220 x 110 x 145 mm (W x H x D)
Related model	Same as the Power Supply, Stepped, with a smoothed output
Product code	SLE/PHY/273
Manufacturer	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is the Smoothed Power Supply Used For?

Transistors, integrated circuits, LEDs and logic gates behave best on a steady DC voltage. A plain rectified supply carries ripple that can make an amplifier hum, upset a timer circuit or make meter readings drift, so this unit adds smoothing to the stepped design. That makes it a practical low-voltage source for electronics practicals such as transistor characteristics, rectifier circuits and simple amplifier work.

Choose the lowest step that will run the circuit, switch off before moving to a different step, and keep the total load within the 5 A rating. For general electricity work with lamps and motors, where ripple does not matter, the standard stepped supply is an alternative, so many laboratories keep both on the shelf.

What to Specify When Ordering

- Smoothed output (this item) or the standard Power Supply, Stepped.
- Number of units per bench or student group.
- Confirmation that your mains matches the 230 V AC, 50 Hz input.
- Leads, meters or components to be quoted with it.

Manufacturer

ScienceLab, the trading name of Jain Scientific Equipments Private Limited, manufactures the Powe
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electr
or

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