Email : sales@scilabexport.com
Phone: +91-7082934803

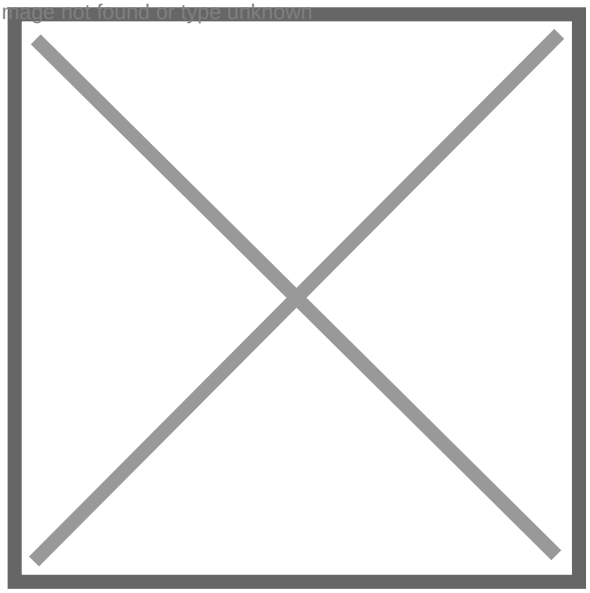
Product Name :

Battery Eliminator 12 Volt

Product Code :

SCL-416/105

Image not found or type unknown



Science Lab
Email : sales@scilabexport.com
Phone: +91-7082934803

Description :

Battery Eliminator 12 Volt (Product Code: SCL-416/105) is a mains-powered lab power supply unit used to replace dry cells in school and college electricity experiments. A rotary switch selects outputs from 2 V to 12 V DC in 2 V steps, and the input is selectable for 110–220 V AC. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, as part of its range of school physics lab equipment in India.

Specifications

Parameter	Detail
Input voltage	110–220 V AC (selectable)
Frequency	50–60 Hz
Primary fuse	0.5 A
Output	2–12 V DC in steps of 2 V
Output selection	Multiple tappings via rotary switch with positive click stops
Rectification	Bridge rectifiers
Transformer	Double-wound, enamelled copper wire, high-grade laminations
Sockets	Colour-coded safety sockets; safety socket for earthing
Housing	Rigid ABS, stackable, with ergonomic feet
Product code	SCL-416/105
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is the 12 V Battery Eliminator Used For?

The eliminator powers low-voltage DC circuits in place of cells, such as an Ohm's law experiment kit, resistance and meter bridge circuits, electromagnets, small motors and bulb circuits. Stepped outputs of 2, 4, 6, 8, 10 and 12 V let teachers start a circuit at a low setting and raise it one step at a time while students record readings.

Unlike cells, a mains unit does not run down during a long practical, which keeps readings consistent across a lesson. Set the input selection to match the local mains before switching on, turn the rotary switch to the lowest output before connecting a circuit, and use the colour-coded sockets to keep polarity correct. The stackable housings save bench space in storage.

What to Specify When Ordering

- Mains input setting required: 110 V or 220 V AC
- Number of units, for example one per bench or student group
- Connecting leads, rheostats or meters needed with the units

Supplier

Scien this
12 V ne
comp lace

Email : sales@scilabexport.com
Phone: +91-7082934803