

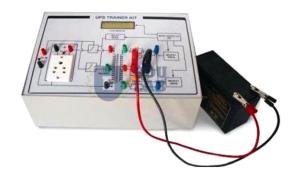
# **Educational Lab Equipments**





Product Code . EL-EELE-11296

**UPS Trainer** 



## **Description**

#### **UPS Trainer**

The product is designed keeping in mind that a student can understand each block of UPS in a very easy way. AVR (Automatic Voltage Regulator) is presented in such a way that a student can readily understand its functioning and pin configuration. Various test points have been provided so that one can check inputs and outputs of each block contained. Being different from a conventional block diagram internal structure of blocks is also shown. The UPS trainer is a very versatile training system, has been designed to explain a very interesting and frequently used switching based power supply – The UPS (Uninterrupted Power Supply). Since UPS is different from an inverter because its switching changeover time is less than 3 mS which is very less so a computer system doesn't get reboot.

#### Features:-

- In depth explanation of PWM switching technology, which is one of the most important feature of UPS.
- A Low cost product demonstrating all basic concepts of UPS.
- Various test points are provided so that one can easily measures the voltages of different sections.
- Designed considering all safety standards.
- Provided with a detailed Operating manual.

### **Technical Specifications:-**

• Input: 190 to 260 V 10%, 50 Hz.

• Output: 230 V.

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