

Product Name : UPS Trainer	Product Code : Consumer0007
Description :	
UPS Trainer	
Technical Specification :	
<p>UPS Trainer</p> <p>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). The product is designed keeping in mind that a student can understand each block of UPS in a very easy way. 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. AVR (Automatic Voltage Regulator) is presented in such a way that a student can readily understand its functioning and pin configuration. 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.</p> <ul style="list-style-type: none"> • 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 • 2 Years warranty <p>Technical Specifications</p>	

-
- Input : 190 to 260 V 10%, 50 Hz
 - Output : 230 V

Transformer specifications

- Input : 12 – 0 – 12 V
- Outputs :
 - 0, 190, 220, 240, 260 V
 - 18 – 0 for battery charging
- Dimension (mm) : W 365 × D 265 × H 120
- Weight : 5 Kg (approx)

Experiments than can be performed

- Study of PWM Technology
- To understand the overall functioning of UPS Trainer
- Study of AVR transformer section of UPS
- To study the UPS circuit in load condition
- To identify different faults and to study the systematic procedure of their troubleshooting in UPS circuit

Civil Mechanical India

Website: www.civilmechanicalindia.com, **Email:** export@civilmechanicalindia.com

Address: 6148/6, Guru Nanak Marg, Ambala Cantt, Haryana, India, **Phone:** +91-0171-2643080, +91-0171-2601773