

Product Name :
SMPS Trainer

Product Code :
Consumer0009

Description :

SMPS Trainer

Technical Specification :

SMPS Trainer

Technical Specifications

- Input : 80 to 230 VAC $\pm 10\%$, 50 / 60 Hz
- Outputs :
 - +12 V DC regulated
 - : -12 V DC regulated
 - : +5 V DC regulated
- Switching Transformer
- Input : 320 V DC switching at 132 KHz
- Output : 30 VAC (approx)
- Fuse : 500 mA (Slow blow, spare fuse is given with mains socket)
- Dimension (mm) : W 365 $\times$ D 265 $\times$ H 120
- Weight : 1.3 Kg (approx

Experiments that can be performed

- Study of Switching Transformer
- Study of PWM switching device
- Study of Optocoupler
- Study of Regulation
- Study of SMPS with Variac input
- Study of various faults and their removal in SMPS circuit

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