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Product Name :	**Product Code :**
SMPS Trainer	Consumer0009

Description :

SMPS Trainer

Technical Specification :

SMPS Trainer

Technical Specifications

- Input : 80 to 230 VAC ±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 × D 265 × 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