Product name:	Product code:
SMPS Trainer	Consumer0009

Description

SMPS Trainer

Technical specification

- Study of various faults and their removal in SMPS circuit

SMPS Trainer

Technical Specifications

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- Input : 230 V AC ± 10%, 50 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