

Product Name :
SMPS Trainer for Vocational College Trainers Teaching Labs

Product Code :
EVO-TR-14



Description :

SMPS Trainer – SMPS Trainer Understanding SMPS has been designed specifically for the study of Switch Mode Power Supply. SMPS consists of a rectifier section, filter section, switching section and regulator section. Each section is explained separately and the internal structure of different blocks is also described. Switching transformer and chopper controller circuit are the main parts of SMPS. Switching Transformer works at high frequency, so it is also called as HFT i.e, High Frequency Transformer and the chopper controller is simply DC to DC controller. It gives constant output even when the AC mains is varied from 80V to 270V. Students can vary Voltage by using Variac.

Separate power supply is provided

Physical representation of Switching Transformer

Various Test Points are provided to observe output

Diagrammatical representation of each block

Fault identification switches are also provided

On-board protective shield to prevent shock

Designed by considering all safety standards

Learning material CD

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