

Product Name :
SMPS Using Mosfet Trainer

Product Code :
NLAB-ELECTRONICSAB210034



Description :

SMPS Using Mosfet Trainer

Technical Specification :

SCOPE OF LEARNING:

Study of Switched Mode Power Supply

TECHNICAL SPECIFICATIONS:

Power Supplies:

Power Supply 110, 125, 140V, 150VA

Meters:

Analog Meter for Current Measurement

Components are mounted on the panels are:

MOSFET

Socket for Output

Resistor as Load

SALIENT FEATURES:

Sockets for selections of different input voltage & linearity coil for AC.

Bridge rectifier to convert AC into DC

DC filtration circuit is given to filter the impurities is. AC components.

High frequency transformer and high frequency transistor (BU 508) for switching action.

Feed back/ comparator circuit to maintain output voltage constant I.e. +10% on load.,

Fuse for Short Circuit protection

Front panel built with high class insulated Printed Circuit Board sheet with well printed circuits and symbols.

Instruction manual.

Patch Cords 4mm.

High Voltage Test Points are Provided With 4mm Safety Sockets

The trainer is housed in Plastic cabinet.

Size of the trainer set 12"x10"

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