

**Product Name :**  
Power Electronic Training System

**Product Code :**  
NET0034



**Description :**

Power Electronic Training System

**Technical Specification :**

**Features:**

- i. This is a versatile, robust and easy to use training kits used for teaching, learning and constructing circuits based on power electronics theory and fundamentals. Suitable for basic power electronics circuit designs and application.
- ii. A self-contained system, equipped with the power supply modules, various experiment plug in modules, user guide, experiment manual, connection cables and related accessories.
- iii. For each experiment, circuits are constructed by the user using safety connection cables and built-in connector sockets to avoid any hazardous risk to the user and also the training kit itself. Each experiment is detailed in the lab workbook.

iv. Each of these modules can be mounted onto an robust table top frame rack when conducting experiments.

## B. Specification:

The following Power Electronics Experiments are covered used the various related training modules.

These modules enable students to investigate a wide range of power electronics syllabus practical topics. Students investigate each topic with hands on experimentation, circuit construction and evaluation tasks which are provided in the experimental manual/workbook. Each module is equipped with clearly labeled block diagram and built-in connection interface and test points.

### 1. Single Phase Power Supply Module

- 2 x 15V-0-15V AC output, maximum 800mA
- $\pm 12$ V DC power supply, maximum 1A
- Input supply: Single phase 240VAC/50Hz
- On/Off power switch with indicator

Fuse protection

## Electrical and Electronics

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