



Product Code . JL-PET-1437

Single Phase Series Inverter

Description

Single Phase Series Inverter

- Power Electronic Training Board has been designed specifically for study of the Single Phase Series Inverter.
- Practical experience on this board carries great educative value for Science and Engineering Students.

Object:

- To study the Single Phase Series Inverter

Features:

The board consists of the following built-in parts:

- 12V DC at 100mA fixed regulated Power Supply
- Bridge rectifier for making DC voltage
- Hex Inverter IC
- Quad, 2-input AND gate IC
- Two Silicon Controlled Rectifiers (SCR's)
- Two Pulse transformer 1:1
- Potentiometer for inverter frequency controller
- Center taped Inductor
- Two NPN transistor
- Adequate no. of other Electronic Components
- Mains ON/OFF switch, Fuse and Jewel light
- The unit is operative on 230V $\pm 10\%$ at 50Hz A.C. Mains.

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- Adequate no. of patch cords stackable 4 mm spring loaded plug length ½ metre
 - Good Quality, reliable terminal/sockets are provided at appropriate places on panel for connections/ observation of waveforms
 - Strongly supported by detailed Operating Instructions, giving details of Object, Theory, Design procedures, Report Suggestions and Book References

Weight:

- 3 Kg. (Approx.)

Dimension:

- W 340 x H 110 x D 210

Other Apparatus Require:

- Dual Trace Cathode Ray Oscilloscope 20MHz (Unearthed)

Single Phase Series Inverter Manufacturer India, Single Phase Series Inverter Exporters, Electronics Single Phase Series Inverter, Buy Single Phase Series Inverter Online India, Educational Equipments for School Lab, Laboratory Equipment Suppliers, Didactic, Didactic Single Phase Series Inverter, Power Electronics Trainers Equipment Exporters, Scientific Instrument and Equipment Manufacturer.

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