



Study of buck boost principle has been designed with a view to provide practical/experimental knowledge of Automatic two step Buck Boost Principle with electronically controlled circuit. All the components and test points of the Principle are spread on the panel at appropriate places. A diagram is neatly drawn on the panel.

Practical experience on this board carries great educative value for Science and Engineering Students.

**Object:**

01. To demonstrate the Buck Boost principle.
02. To demonstrate the lower voltage setting.
03. To demonstrate the upper voltage setting.
04. To demonstrate automatic voltage stabilization of A.C. Voltage.

**Features:**

01. The unit consists of Automatic two step Buck-Boost Principle with electronically controlled circuit.
02. Strongly supported by detailed Operating Instructions, giving details of Object, Theory, Design procedures, Report Suggestions and Book References.

**Specifications:**

01. INPUT VOLTAGE : 180-270 Volt AC
02. OUTPUT VOLTAGE : 200-240 Volt AC
03. FREQUENCY : 50 Hz
04. OUTPUT CURRENT : 1.1 Amp.
05. CAPACITY : 250 Watt

**Other Apparatus Required**

- \* Variac 0-270 V, 2 Amp.

Note: Specifications are subject to change.

**Tesca Technologies Pvt. Ltd.**

IT-2013, Ramchandrapura Industrial Area, Sitapura Extension,  
Near Bombay Hospital, Vidhani Circle, Jaipur-302022, Rajasthan, India,  
Tel: +91-141-2771791 / 2771792; Email: info@tesca.in, tesca.technologies@gmail.com  
Website: www.tesca.in