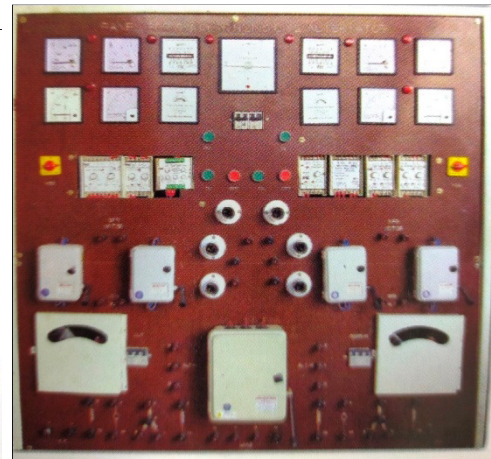
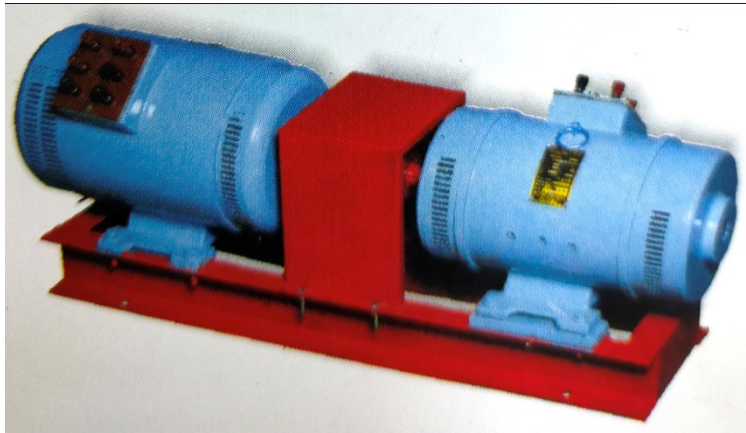


## PARALLEL OPERATION OF TWO ALTERNATORS AND STUDY LOAD SHARING

**Model : VTPL-1106**



DC shunt motor 3HP 220V directly coupled to synchronous generator 2KVA separately excited directly on common MSchannel base.

### SYNCHRONIZING CONTROL PANEL:

It consist of nicely powder coated M.S. fabricated box with screen printed circuit will be fitted on the panel with duly marked termination and also back door of the panel will havelock facility for safety of panel. All the necessary accessoriessuch as:-

#### FOR DC MOTOR

- 1.M.C. Volt meters 96 x 96sq, mm. 0-300V –2Nos.
- 2.MC Ammeters 96 x 96mm 0-20A –2znos.
- 3.Field Rheostat 1.4A, 230ohms –2Nos.4. DPIC, 16A, 240V –2Nos.
- 5.DC starter 3point face plate type suitable for above motor –2Nos.
- 6.Indicating Lights.
- 7.Insulating terminals.

#### FOR AC GENERATOR

- 1.M.I. Volt meters 96 x 96sq, mm. 0-500V – 2Nos.
- 2.MI Ammeters 96 x 96mm 0-5A –2znos.
- 3.Frequency meter vibrating reed type 96 x96xsq. mm –2Nos.
- 4.Phase sequence indicator, 96 x96 sq. mm –1no.

## **VJAYANTA TECHNOLOGIES PVT. LTD.**

*(Formerly Vijai Electronics)*

Dr. Baldev Singh Marg 28/147 Civil Lines, Roorkee-247667 Distt. Haridwar, Uttarakhand

Phone No.: 01332 – 272509, 7579200827

E-Mail : vijayantatechologies@gmail.com, vijaielectronics1965@gmail.com

5. Bulb with holder –6nos.
6. Synchroscope 144 x 144sq mm suitable for 440V AC operation panel type –1no.
7. Trip pole, Double throw Knife switch –1set.
8. M.C.B 6A, 3pole –2nos.
9. Excitation controlling arrangement –2nos.
10. Insulating Terminals for both the machines.

### **FOR DC EXCITATION**

1. M.C. Volt meters 96 x 96sq, mm. 0-300V –2Nos.
  2. M.C.B Double pole 6A –2nos.
- Optional
- 3 ph capacitive load 10 Amp
  - 3ph inductive load 10Amp
  - Loading rheostat 3phase 6kva

*Note: There may be any change in specification due to continuous R & D without notice.*

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