



SALIENT FEATURES

- ◆ Dual Power Supply of both voltage and current o/p as well as voltage and current readouts at Master Terminals and master displays when selected in series & parallel combinations modes. Each variable O/P operates in constant voltage [cv] or constant current mode [cc] & protected from the short circuit & overload.
- ◆ Power supply should provide adequate externally serviceable fuse & internal thermal fuse for transformers to enhance the safety level of users as well as instruments. Power supply compliance all measure international safety standards.

TECHNICAL SPECIFICATIONS

- **Variable Dual O/P Voltage** - 0 to 30 volts
- **Current** - 2 amps
- 2 Nos. Digital meters should be provided for voltage and current
- Constant voltage mode : 0 to 30 V continued adjustable regulation
- Line : <0.01% + 2mv for 10% change in line
- Load : <0.01% + 2mv for load change from 0 to full load

Ripple and Noise

- <1 mV rms indication cv mode GREEN LED
- **Constant current mode:** 0 to 30 V continusly adjustable regulation
- **Line** : < 0.1 % + 250 micro amp. + 10% change in line
- **Load** : < 0.1% + 250 micro amp. for change in O/P voltage from 0 - maximum
- **Ripple & Noise** : <1 mV RMS max. indication CC mode RED LED
- + 250 micro amp. for change in O/P voltage from 0 - maximum
- Tracking Operation to be provided for a dual power supply
- Tracking error <0.5% + 10 mV of the master
- **Series regulation** : <300 mV
- **Fixed O/P ranges** : 5 V & 12 V - 2 amp. each
- **Ripple and noise** : <2 mV rms
- **Input voltage** : AC 230 Volt + 10% 50 Hz.

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Specifications subject to change without notice