

Technical Specifications for DC POWER SUPPLY

General Features

- 1. Output Voltage:** 0 - 500 V DC
- 2. Output Current :** 0 - 20 A
- 3. Output Power:** 1.5 – 2 kW
- 4. Control:** Separate coarse and fine Control for voltage and current
- 5. Line Voltage:** 230 V AC,+/- 10%, 50 Hz single phase
- 6. Metering:** 3 Digit DPM to indicate O/P voltage and current separately
- 7. Mode of Operation:** CV, CC mode with LED indication
- 8. Constant Voltage Mode:-**
 - (i) Regulation (Line) :** +/- 0.05% +5mV for +/- 10% change in line current
 - (ii) Regulation (Load):** +/- 0.05% +5mV for load change from zero to full load
 - (iii) Ripple and Noise :** 3mV rms max. 20 Hz to 20 MHz
- 9. Protection:** Overload and short circuit
- 10. Operating Temperature Range:** 0 – 50 degree Celsius
- 11. Remote Sensing :** Remote sensing for distantly situated loads