

## D.C. REGULATED POWER SUPPLY, MODEL : LV - 30. (Constant Current and Constant Voltage)



### GENERAL :

By investing considerable amount and skilled labour we have developed these Power Supplies with unbeatable performance and capacity.

We offer a wide range of Solid State Power Supplies at very competitive prices. The latest designs and technology are used. These power supplies exhibit extremely high level of reliability.

### FEATURES :

- Excellent Stability.
- Adjustable output.
- Very high regulation.
- Compact in size.
- Protected against overloading and short circuiting.

### SPECIFICATIONS :

|                     |   |   |            |
|---------------------|---|---|------------|
| Model - LV - 30/1.  | : | 0 - 30, Volt at 1, Amp.                                   | (Floating) |
| Model - LV - 30/2.  | : | 0 - 30, Volt at 2, Amp.                                   | (Floating) |
| Model - LV - 30/3.  | : | 0 - 30, Volt at 3, Amp.                                   | (Floating) |
| Model - LV - 30/5.  | : | 0 - 30, Volt at 5, Amp.                                   | (Floating) |
| Model - LV - 30/10. | : | 0 - 30, Volt at 10, Amp.                                  | (Floating) |
| Line Regulation     | : | Better than $\pm 0.05\%$ for $\pm 10\%$ changes in mains. |            |
| Load Regulation     | : | Better than $\pm 0.05\%$ from No load to full load.       |            |
| Ripples             | : | Less than 3, mVolt rms at full load.                      |            |
| Protection          | : | Protected against overloading and short circuiting.       |            |
| Meters              | : | Digital Meters fitted to read output voltage and current. |            |

## **VIJAYANTA TECHNOLOGIES PVT. LTD.**

(Formerly Vijai Electronics)

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

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|                     |   |   |
|---------------------|---|---|
| Internal Resistance | : | $\leq 15, \text{ m ohm.}$   |
| Stability           | : | $\leq 2.5, \text{ m Volt.}$   |
| Recovery Time       | : | $\leq 80, \mu\text{S.}$   |
| Temp. Coefficient   | : | $\leq 0.05\% + 5, \text{ mVolt}^{\circ}\text{C}$  |
| Setting Resolution  | : | Voltage : App. 10, mVolt.<br>Current : App. 2, mAmp.  |
| Insulation          | : | Between chassis output terminals.<br>< 10, m ohm. at 100, Volts D.C.<br>Between chassis AC Plug.<br>< 50, M ohm. at 500, Volts D.C. |
| Power Supply        | : | 230, Volt 10%, 50 Hz.   |
| Weight              | : | 6 Kg Approximately  |
| Dimension           | : | 200mm $\times$ 250mm $\times$ 105mm   |

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

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