



OMEGA TYPE ICV-6/3 is a high performance constant voltage power supply. The voltage regulation is IC controlled and hence result in the highest quality of performance. Matched Power Transistors are used to share the load current. The supply is protected against transient caused by the inductive load of the magnet.

SPECIFICATIONS

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| 01 | VOLTAGE RANGE | : 0 - 6 V. |
| 02 | CURRENT RANGE | : 0 - 3Amp. |
| 03 | LOAD REGULATION | : Better than 0.5% of the highest specified output current. (No Load to Full Load) |
| 04 | LINE REGULATION | : Better than $\pm 2\%$ of the specified output current. (For $\pm 10\%$ Mains Variation) |
| 05 | RIPPLE | : Less than 1mV rms. |
| 06 | METERING | : 3 ½ digit 7 segment LED DPM. |
| 07 | TEMPERATURE CO-EFFICIENT | : 0.05% plus 7mV/1°C (After initial warm up of 30 minutes). |
| 08 | STABILITY | : 0.2% plus 50mV (After initial warm up of 30 minutes under constant line, load and tem. conditions). |
| 09 | TRANSIENT RECOVERY TIME: | 100 nano second (Recovery with in regulation band for load changed from 10% to 90%) |
| 10 | PROTECTION | : Automatic over load & short circuit protection. |
| 11 | POWER REQUIREMENT | : 230V $\pm 10\%$ at 50 Hz. |
| 12 | Strongly supported by detailed operating instructions. | |
| 13 | Weight | : 6.1Kg. (Approx.) |
| 14 | Dimension | : W340 x H125 x D210. |

We are committed to the continuous development of our products, and therefore reserve the right to amend specifications without prior notice.

OMEGA ELECTRONICS