



SPECIFICATIONS:

Technical Specifications:

- Output Voltage : 0-30.0 Volt
- Output Current : 0-2.00 Ampere.
- Metering: 7 segment LED 3 Digit DPM Green/ Red
- Meter Accuracy : ± 3 counts

Constant Current Mode:

- Line Regulation : $\pm 0.1\% \pm 500\mu A$ for $\pm 10\%$ line change.
- Load Regulation : $\pm 0.1\% \pm 500\mu A$ for change in output voltage from 0 - to maximum
- Ripple & Noise : 0.05% rms.
- Mode of Indication CV : GREEN LED indication for Constant Voltage (CV) operating mode.
- Mode of Indication CC : RED LED indication for Constant Current (CC) operating mode.
- Output Polarity : Floating with respect to ground.
- Overload & Short Circuit : Automatic protected
- Short Circuit Protection : Automatic
- Over temperature Protection : Automatic Cut off and Resume

Constant Voltage Mode:

- Line Regulation : $\pm 0.1\% \pm 2mV$ for $\pm 10\%$ change in line output.
- Load Regulation : $\pm 0.1\% \pm 2mV$ for load change from zero to full load.
- Ripple & Noise : $< 0.01\%$ rms.

Stability:

- Total drift in CV mode : $< \pm 0.2\% + 5mV$ (within 8 hours after warm-up)
- Total drift in CC mode : $< \pm 0.5\% + 5mA$ (within 8 hours after warm-up)
- Operating Temperature : $0-50^{\circ}C \pm 10\%$.

Dual Tracking:

- 0 ± 15 @ 0.5 Ampere with over load and Short circuit protection & indication

Fixed Output:

- 5Volt 1 Ampere with over load and Short circuit protection & indication.
- Line Voltage : 230V AC $\pm 10\%$ 50Hz, single phase

Dimension:

- 150.0mm(H) 170.0mm(W) 325.0mm(D)
- Weight : 6.0kg(Approx.)

Note: Specifications are subject to change.

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