

KPS-3003 MULTI OUTPUT DC REGULATED POWER SUPPLY



- 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 Protection : Automatic
- Short Circuit Protection : Automatic
- Over temperature Protection : Automatic Cut off and Resume.

Specifications

● Technical Specifications

- Output Voltage (Channel 1 & 2) : 0-30.0 Volt
- Output Current (Channel 1 & 2) : 0-2.00 Ampere.
- Metering: 7 segment LED 3 Digit DPM Green/ Red
- Meter Accuracy : ± 3 counts

● Constant Voltage Mode (Channel 1 & 2)

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

● Constant Current Mode (channel 1 & 2)

- Line Regulation : $\pm 0.1\% \pm 500\mu\text{A}$ for $\pm 10\%$ line change.
- Load Regulation : $\pm 0.1\% \pm 500\mu\text{A}$ for change in output voltage from 0 - to maximum.
- Ripple & Noise : 0.05% rms.

● Stability (Channel 1 & 2)

- Total drift in CV mode : $< \pm 0.2\% + 5\text{mV}$ (within 8 hours after warm-up)
- Total drift in CC mode : $< \pm 0.5\% + 5\text{mA}$ (within 8 hours after warm-up)
- Operating Temperature : $0-50^\circ\text{C} \pm 10\%$.
- Fixed Outputs:
 - 1) 5Volt 1 Ampere with over load and Short circuit protection.
 - 2) ± 15 Volt @ 1 Ampere with over load and Short circuit protection
- Line Voltage : 230V AC $\pm 10\%$ 50Hz, single phase.

● Dimension

- 156.0mm(H) 306.0mm(W) 300.0mm(D)
- Weight : 9.0kg(Approx.)

Note : Specifications can be altered without notice in our constant efforts for improvement.