

## KPS-3002D DUAL CHANNEL DC REGULATED POWER SUPPLY



### 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 :  $\pm 3$  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.
- 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

#### ● 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 :  $0-50^\circ\text{C} \pm 10\%$ .
- Line Voltage :  $230\text{V AC} \pm 10\%$   
50Hz, single phase

#### ● Dimension

- 156.0mm(H) 306.0mm(W) 300.0mm(D)
- Weight : 8.0kg(Approx.)

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