

# Power Supply Unit Bench



## Features:

- Complete digital control
- 10mV / 1mA resolution
- Low noise and ripple
- CV / CC constant voltage and constant current mode
- OCP and OVP settings, constant protection mode
- 5 sets of parameters can be stored and recalled
- Output switch control
- Power-off memory function
- Keyboard lock function

## Specification Table:

Input Voltage	230V AC $\pm 10\%$	
Voltage Range	0 to 30V	
Current Range	0 to 3A $\times 2$	
Load Regulation	Voltage : $\leq 0.01\% + 4\text{mV}$	Current : $\leq 0.02\% + 5\text{mA}$
Line Regulation	Voltage : $\leq 0.01\% + 3\text{mv}$	Current : $\leq 0.01\% + 3\text{mA}$
Setup Resolution	Voltage : 10mV	Current : 1mA
Setup Accuracy (25°C $\pm 5^\circ\text{C}$ )	Voltage : $\leq 0.5\% + 20\text{mV}$	Current : $\leq 0.5\% + 5\text{mA}$
Ripple (20Hz to 20MHz)	Voltage : $\leq 1\text{mVrms}$	Current : $\leq 3\text{mArms}$
Temp. Coefficient	Voltage : $\leq 0.1\% + 10\text{mV}$	Current : $\leq 0.1\% + 5\text{mA}$
Read Back Accuracy	Voltage : 10mV	Current : 1mA
Read Back Temp. Coefficient	Voltage : $\leq 100\text{ppm} + 10\text{mV}$	Current : $\leq 100\text{ppm} + 5\text{mA}$
Reaction Time (10% Rated load)	Voltage Rise : $\leq 100\text{mS}$	Voltage Drop : $\leq 100\text{mS}$ (10% Rated load)
Operation Environment	Indoor use Altitude : $\leq 2,000\text{m}$ Ambient temp. : $0^\circ\text{C}$ to $+40^\circ\text{C}$ Relative humidity : $\leq 80\%$	
Accessories	User manual UK Power cord (1.2m) Euro Power cord (1.2m)	
Weight	7 kg	
Dimension	220(W) $\times$ 280(H) $\times$ 160(D)	
Storage Environment	Ambient temp. : $-10^\circ\text{C}$ to $+70^\circ\text{C}$ Relative humidity : $\leq 70\%$	

## Part Number Table

Description	Part Number
PSU, Bench, Dual , 3A, 30V	72-10500

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