

Bench Top Power Supply



Art. Nr.

RND 320-KA3005D

Input Voltage: 230V ($\pm 10\%$), 50Hz

Main Features

Complete digital control

10 mV / 1 mA resolution

Low noise and ripple

CV / CC constant voltage and constant current mode

5 sets of parameters can be stored and recalled

OCP and OVP settings, constant protection mode

Output switch control

Power-off memory function

Keyboard lock function



Specifications

Voltage Range / Current Range	0-30V / 0-5A	
Load Regulation	Voltage: $\leq 0.01\% + 2\text{mV}$	Current: $\leq 0.1\% + 5\text{mA}$
Line Regulation	Voltage: $\leq 0.01\% + 3\text{mV}$	Current: $\leq 0.1\% + 3\text{mA}$
Setup Resolution	Voltage: 10mV	Current: 1mA
Setup Accuracy ($25^\circ\text{C} + -5^\circ\text{C}$)	Voltage: $\leq 0.5\% + 20\text{mV}$	Current: $\leq 0.5\% + 10\text{mA}$
Ripple(20hz-20MHz)	Voltage: $\leq 2\text{mVrms}$	Current: $\leq 5\text{mArms}$
Temp. Coefficient	Voltage: $\leq 100\text{ppm} + 10\text{mV}$	Current: $\leq 100\text{ppm} + 5\text{mA}$
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: $\leq 100\text{mS}$	Current: $\leq 100\text{mS}$
Operation Environment	Indoor use	
	Altitude: $\leq 2000\text{m}$	
	Ambient temperature: $0^\circ\text{C} \sim 40^\circ\text{C}$	
Accessories	Relative humidity: $\leq 80\%$	
	User manual, Euro Power cord (1.2m)	
Weight and Dimension	4kgs / 110(W)*156(H)*260(D)	
Storage Environment	Ambient temperature: $-10^\circ\text{C} \sim 70^\circ\text{C}$	
	Relative humidity: $\leq 70\%$	