

Bench Top Power Supply



Art. Nr.

RND 320-KA3305P

Input Voltage: 230V (±10%)

Main Features

Complete programmable

10 mV / 1 mA resolution

Low noise and ripple

CV / CC constant voltage and constant current modes

Industrial grade, with load for a long time

5 sets of parameters can be stored and recalled

Interfaces USB and RS232



Specifications

Voltage Range / Current Range	0-30V / 0-5A * 2, 5V / 3A * 1
Load Regulation	Voltage: $\leq 0.01\% + 2\text{mv}$ / 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 + - 5 °C)	Voltage: $\leq 0.5\% + 20\text{mV}$ / Current: $\leq 0.5\% + 15\text{mA}$
Ripple(20hz-20M)	Voltage: $\leq 1.5\text{mVrms}$ / 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: $\leq 2000\text{m}$ Ambient temperature 0 ~ 40°C Relative humidity $\leq 80\%$
Storage Environment	Ambient temperature -10°C ~ 70°C Relative humidity $\leq 70\%$
Interfaces	RS232, USB
Accessories	User manual, 1x Euro power cord (1.2M), USB cord (1.2M), software CD
Weight and Dimension	9.4 kg / 380(W)*250(H)*145(D)