

Programmable Laboratory DC Power Supply



Art. Nr.

RND 320-KD3305P

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

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
- Over-Current Protection, output ON/OFF control and panel LOCK function
- Shutdown memory
- Series and parallel connections
- Interfaces: USB, RS232 & LAN



Specifications

Voltage Range / Current Range	0-30V / 0-5A * 2, 5V, 3.3V, 2.5V / 3A * 1
Load Regulation	Voltage: $\leq 0.01\% + 5\text{mV}$ / Current: $\leq 0.1\% + 10\text{mA}$
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 °C + - 5 °C)	Voltage: $\leq 0.5\% + 20\text{mV}$ / Current: $\leq 0.5\% + 10\text{mA}$
Ripple(20hz-20M)	Voltage: $\leq 2\text{mVrms}$ / Current: $\leq 3\text{mA}$
Temp. Coefficient	Voltage: 100ppm+10mV / 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 Rise: $\leq 100\text{ms}$ / Voltage Drop: $\leq 100\text{ms}$
Load Regulation of Parallel	Voltage: $\leq 0.1\% + 0.2\text{V}$
Load Regulation of Series	Voltage: $\leq 0.1\% + 0.2\text{V}$
CH3 Specifications	Voltage Accuracy: $\pm 50\text{mV}$ Load Regulation: $\pm 50\text{mV}$
Interfaces	USB, RS232 & LAN
Accessories	User manual, Power cord (1.2M, 1*EURO plug), USB cord (1.2M), Software CD
Weight and Dimension	10.38 kgs / 146mm(W)*252mm(H)*375mm(D)