

KD3300-SERIES 3-CHANNEL DC LINEAR POWER SUPPLIES



Product Description

KD3300-Series multiple channel digital control and programmable DC power supplies take full advantage of KORAD's consistent top quality in the field of R&D and production of the power supplies. The line features digital panel control, large LED, bright LED indicators, high output resolution, USB & RS232 remote control, intelligent temperature-controlled fan and more.

Key Features

- 30VX2.5V/3.3V2.5V
- 10mV/1mA high accuracy resolution
- Shutdown memory
- Complete digital control
- Industrial grade, with load for a long time
- Intelligent temperature-controlled fan
- Compact design
- Over-current protection
- Output ON/OFF control
- Knob LOCK function to avoid improper operation
- Optional interfaces: LAN, USB & Rs232



Specifications

Models	KD3303D/KD3303P	KD3305D/KD3305P
Voltage	0-30V/0-3A*2	0-30V/0-5A*2
Current	5V,3.3V,2.5V/3A*1	5V,3.3V,2.5V/3A*1
Load Regulation		
Voltage	≤0.01%+3mV	≤0.01%+5mV
Current	≤0.1%+5mA	≤0.1%+10mA
Line Regulation		
Voltage	≤0.01%+3mV	≤0.01%+3mV
Current	≤0.1%+3mA	≤0.1%+3mA
Setup Resolution		
Voltage	10mV	10mV
Current	1mA	1mA
Setup Accuracy(25°C ± 5°C)		
Voltage	≤0.5%+20mV	≤0.5%+20mV
Current	≤0.5%+5mA	≤0.5%+10mA
Ripple(20Hz-20M)		
Voltage	≤1mVrms	≤2mVrms
Current	≤3mA _{rms}	≤3mA _{rms}
Temp.Coefficient		
Voltage	≤100ppm+10mV	≤100ppm+10mV
Current	≤100ppm+5mA	≤100ppm+5mA
Read Back Accuracy		
Voltage	10mV	10mV
Current	1mA	1mA
Read Back Temp.Coefficient		
Voltage	≤100ppm+10mV	≤100ppm+10mV
Current	≤100ppm+5mA	≤100ppm+5mA
Reaction Time(10% Rated load)		
Voltage Rise	≤100mS	≤100mS
Voltage Drop	≤100mS	≤100mS
Load Regulation of Parallel		
voltage	≤0.1%+0.2V	
Load Regulation of Series		
voltage	≤0.1%+0.2V	
CH3 Soecifications		
Voltage Accuracy	±50mV	
Load Regulation	±50mV	
Accessories		
User manual,power cord(KD3303D & KD3305D)		
User manual,power cord,USB cable & software CD(KD3303P & KD3305P)		
Interfaces(for programmable models KD3303P & KD3305P)		
USB,RS232 & LAN		
Weight and Dimension	7.8kg/146mm(W)*252mm(H)*375mm(D)	10.33kg/146mm(W)*252mm(H)*375mm(D)

