KORAD

SKU: KA3300-SERIES

TECHNICAL DATASHEET

KA3300-SERIES 3-CHANNEL DC LINEAR POWER SUPPLIES

Product Description

KA3300-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, 5 sets of parameters for fast recall, USB & RS232 remote control, intelligent temperature-controlled fan and more.

Key Features

- Complete digital control and programmable DC power supply
- 10 mV /1 mA high-accuracy and high-res output
- Low noise and ripple
- Triple channel programmable output control
- Serial and parallel functions
- 5 sets of parameters can be stored for fast recall
- OVP & OCP functions
- Built-in control interfaces USB / RS232
- Software supervision via PC
- Voltage drop compensation from the remote measurement terminal
- Analog control interface
- Industrial grade performance

WARRANTY 1 YEAR WARRANTY

SRA Soldering Products
24 Walpole Park South, STE #10, Walpole, MA 02081
800-545-4570 • www.sra-solder.com

Specifications

Models	KA3303D/KA3303P	KA3305D/KA3305P
Voltage/Current Range	0-30V/3A*2 5V/3A*1	0-30V/5A*2 5V/5A*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℃ ± 5℃)		
Voltage	≤0.5%+20mV	≤0.5%+20mV
Current	≤0.5%+5mA	≤0.5%+10mA
Ripple(20hz-20M)		
Voltage	≤1mVrms	≤2mVrms
Current	≤3mArms	≤3mArms
Temp.Coefficient		
Voltage	≤150ppm	≤150ppm
Current	≤150ppm	≤150ppm
Read Back Resolution		
Voltage	10mV	10mV
Current	1mA	1mA
Read Back Temp.Coefficient		
Voltage	≤150ppm	≤150ppm
Current	≤150ppm	≤150ppm
Reaction Time		
Voltage Rise	≤100mS	≤100mS
Voltage Drop	≤100mS	≤100mS
	(10% Rated load)	(10% Rated load)
Interface(for programmable models KA3303P & KA3305P)		
RS232,USB		
Accessories		
User manual,power cord(KA3303D & KA3305D)		
User manual,power cord,USB cable & software CD(KA3303P & KA3305P)		
Weight and Dimension		
KA3303:7.8kg/220(W)*156(H)*260(D) KA3305:10.33kg/220(W)*156(H)*260(D)		

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