

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



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°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 | ≤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) | | |

