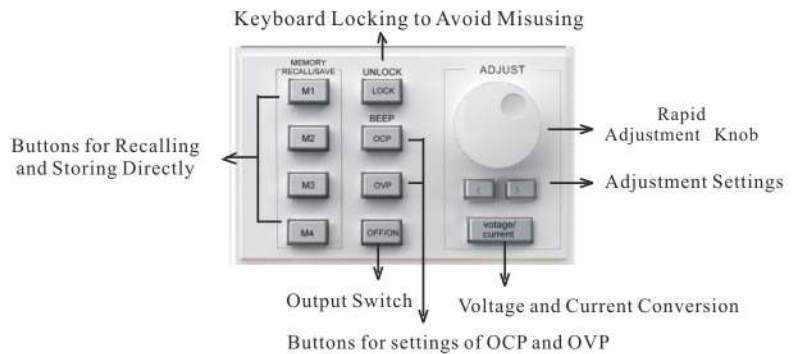




Main Characteristics

- Complete digital control/programmable
- 10 mV/ 1 mA high accuracy and resolution
- Low noise and ripple
- Output switch control
- 4 sets of parameters can be stored and recalled
- Power-off memory function
- Adjustable Over Current Protection(OCP) and Over Voltage Protection(OVP)
- Keyboard lock function to prevent operator errors
- Automatic control on programmable models
- Interfaces on Programmable Models: RS232, USB
- Easy alternative to the traditional digital-display power supplies



Accurately generate the required voltage and current

KA series power supplies provide the output voltage from 30V to 60V, and the resolution with 10V and 10mA.

Professional power supply with easy to use front panel design

More than one power supply can be superimposed with parallel connection

Avoiding the damage of the loads

The cut off values of Over Voltage Protection and Over Current Protection can be set. And the buttons can be locked by the keyboard lock function to prevent the users from improper operation.

4 programmable presets

Just press the buttons RECALL and SAVE; then the stored data can be recalled and the users' settings can be saved respectively.

Models and Specifications

Models	Power	Voltage	Current	Output Channel	Description
KA3003D	90W	30V	3A	Single	30V,3Adigital-controlpowersupplywithsinglechannel
KA3005D	150W	30V	5A	Single	30V,5Adigital-controlpowersupplywithsinglechannel
KA6002D	120W	60V	2A	Single	60V,2Adigital-controlpowersupplywithsinglechannel
KA3003P	90W	30V	3A	Single	30V,3Aprogrammablepowersupplywithsinglechannel
KA3005P	150W	30V	5A	Single	30V,5Aprogrammablepowersupplywithsinglechannel
KA6002P	120W	60V	2A	Single	60V,2Aprogrammablepowersupplywithsinglechannel

Specifications:

Models	KA3003	KA3005	KA6002
Voltage Range	0-30V	0-30V	0-60V
Current Range	0-3A	0-5A	0-2A
OVP Set	0-30V	0-30V	0-60V
Load Regulation			
Voltage Current	$\leq 0.01\%+2\text{mv}$ $\leq 0.02\%+5\text{mA}$	$\leq 0.01\%+2\text{mv}$ $\leq 0.02\%+5\text{mA}$	$\leq 0.01\%+2\text{mv}$ $\leq 0.02\%+5\text{mA}$
Line Regulation			
Voltage Current	$\leq 0.01\%+3\text{mv}$ $\leq 0.02\%+3\text{mA}$	$\leq 0.01\%+3\text{mv}$ $\leq 0.02\%+3\text{mA}$	$\leq 0.01\%+3\text{mv}$ $\leq 0.02\%+3\text{mA}$
Setup Resolution			
Voltage Current	10mV 1mA	10mV 1mA	10mV 1mA
Setup Accuracy (25°C ± 5°C)			
Voltage Current	$\leq 0.05\%+20\text{mV}$ $\leq 0.1\%+3\text{mA}$	$\leq 0.05\%+20\text{mV}$ $\leq 0.1\%+3\text{mA}$	$\leq 0.05\%+20\text{mV}$ $\leq 0.1\%+3\text{mA}$
Ripple (20-20M)			
Voltage Current	$\leq 1\text{mVrms}$ $\leq 3\text{mA rms}$	$\leq 1\text{mVrms}$ $\leq 3\text{mA rms}$	$\leq 1\text{mVrms}$ $\leq 3\text{mA rms}$
Temp. Coefficient			
Voltage Current	$\leq 0.1\%+10\text{mV}$ $\leq 0.1\%+5\text{mA}$	$\leq 0.1\%+10\text{mV}$ $\leq 0.1\%+5\text{mA}$	$\leq 0.1\%+10\text{mV}$ $\leq 0.1\%+5\text{mA}$
Read Back Accuracy			
Voltage Current	10mV 1mA	10mV 1mA	10mV 1mA
Read Back Temp. Coefficient			
Voltage Current	$\leq 100\text{ppm}+10\text{mv}$ $\leq 100\text{ppm}+5\text{mA}$	$\leq 100\text{ppm}+10\text{mv}$ $\leq 100\text{ppm}+5\text{mA}$	$\leq 100\text{ppm}+10\text{mv}$ $\leq 100\text{ppm}+5\text{mA}$
Reaction Time			
Voltage Rise Voltage Drop	$\leq 100\text{mS}$ $\leq 100\text{mS}(10\% \text{ Rated load})$	$\leq 100\text{mS}$ $\leq 100\text{mS}(10\% \text{ Rated load})$	$\leq 100\text{mS}$ $\leq 100\text{mS}(10\% \text{ Rated load})$
Interface	Optional Interfaces (for programmable models only): RS232, USB,		
Accessories	User manual, Power cord, Test Leads		
Weight and Dimension	4.3(w) x 6.1(h) x 10.2(d) inches (110*156*260MM) ,KA3003x 7.7 Lbs (3.5Kg),KA3005x 9.5 Lbs (4.3Kg)		