ADV60-5P Programmable DC Power Supply

Application:
R & D debugging
Quality control & inspection
Automatic testing in production line
School lab for teaching
Repairing

Features:
● Complete programmable
● 10 mV / 1 mA high accuracy and resolution
● Low noise and ripple
● CV / CC constant voltage and current modes
● Arbitrary set protection, OCP and OVP with high reliability
● 5 sets of parameters can be stored inside
● Output switch control
● Power-off memory function
● Keyboard lock function to prevent operators from misusing
● USB data storage and automatic control (some of KORAD models)
● Optional interfaces: RS232, USB
● Easily alternative to the traditional digital-display power supplies

Accurately generating 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 design; intuitionistic operation
More than one power supplies can be superimposed with parallel connection 5 kinds of programmable preset and set
Just press the buttons RECALL and SAVE; then the stored data can be recalled and the users' settings can be saved respectively.
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 so that some undesired results appear in the key tests.

Specifications

Model	ADV60-5P
Voltage Range / Current Range	0-60V / 0-5A
Load Regulation	Voltage: ≤0.01%+2mv / Current: ≤0.1%+5mA
Line Regulation	Voltage: ≤0.01%+3mv / Current: ≤0.1%+3mA
Setup Resolution	Voltage: 10mV / Current: 1mA
Setup Accuracy（25 ℃ + - 5 ℃)	Voltage: ≤0.5%+20mV / Current: ≤0.5%+10mA
Ripple(20hz-20M)	Voltage: ≤2mVrms / Current: ≤5mArms
Temp. Coefficient	Voltage: ≤100ppm+10mV / Current: ≤100ppm+5mA
Read Back Resolution	Voltage: 10mV / Current: 1mA
Read Back Temp. Coefficient	Voltage: ≤100ppm+10mv / Current: ≤100ppm+5mA
Reaction Time(10% Rated load）	Voltage: ≤100mS / Current: ≤100mS
Operation Environment	Indoor use Altitude: ≤ 2000m Ambient temperature 0 ~ 40°C Relative humidity ≤ 80%
Interfaces	Optional Interfaces: RS232, USB
Accessories	User manual, Power cord (1.2M), USB cord (1.2M)
Weight and Dimension	8.0 kg / 110(W)*156(H)*260(D)
Storage Environment	Ambient temperature −10℃ ~ 70℃ Relative humidity ≤ 70%