

# SPS87X Series Programmable DC Power Supply

Special linear design for R&D and laboratory use

900/1050/1100/1125W, 0-11/15/35/60A, 0-15/30/75/100V

## Key Features

- Max. output power 1125W
- Voltage range: 0 to 15/30/75/100V
- Current range: 0 to 11/15/35/60A
- Low ripple and low noise
- High resolution and accuracy (0.1mV/0.1mA)
- Built-in high-accuracy 5 1/2 voltmeter and milliohmmeter
- Supporting high-accuracy and dynamic programming output
- High-luminance VFD screen with two lines& four channels display
- Intelligent fan system fan will be automatically initiated according to the temperature
- Supporting remote voltage compensation and multidata storage
- Supporting external trigger input and output
- Power-on-self-test, software calibration and standard rack mount
- Using standard SCPI protocol
- Communication mode: RS232/RS485/USB

## Typical Applications

- Laboratory testing
- Power electronics production line testing
- Other automatic testing systems



Saluki SPS8 series power supply is high performance single-output programmable DC power supply with communication interface, possessing the character of fast rise speed. The combination of bench-top and system features in these power supply provides versatile solutions for your design and test requirements. The SPS8 series can not only be programmed through the keyboard on the panel, but also be functioned as voltmeter and milliohm meter, which will bring great convenience to the users. As a regeneration product of ordinary programmable power supply, SPS8 series power supply is more cost-effective.

No.367, Fuxing N. Rd.,105 Taipei,Taiwan Tel: +886.909 602 109

sales@salukitec.com [www.salukitec.com](http://www.salukitec.com)



# SPS87X Series Programmable DC Power Supply

Special linear design for R&D and laboratory use

900/1050/1100/1125W, 0-11/15/35/60A, 0-15/30/75/100V

## Technical Specifications

Model		SPS871	SPS872	SPS873	SPS874
Output Rating	Voltage	0-15V	0-30V	0-75V	0-100V
	Current	0-60A	0-35A	0-15A	0-11A
Load Regulation	Voltage	<0.01%+1mV	<0.01%+1mV	<0.01%+1mV	<0.01%+1mV
	Current	<0.01%+0.1mA	<0.01%+0.1mA	<0.01%+0.1mA	<0.01%+0.1mA
Setting Value Resolution	Voltage	0.1mV	0.5mV	2mV	2mV
	Current	1mA	0.5mA	0.2mA	0.2mA
Readback Value Resolution	Voltage	0.1mV	0.1mV	0.1mV	1mV
	Current	0.1mA	0.1mA	0.1mA	0.1mA
Setting Value Accuracy	Voltage	0.01%+1mV	0.01%+5mV	0.01%+10mV	0.01%+15mV
	Current	0.05%+6mA	0.05%+2mA	0.05%+1mA	0.05%+1mA
Readback Value Accuracy	Voltage	0.03%+3mV	0.03%+5mV	0.03%+15mV	0.03%+25mV
	Current	0.05%+45mA	0.05%+25mA	0.05%+12mA	0.05%+10mA
Ripple	Voltage	4mvp-p	5mvp-p	6mvp-p	8mvp-p
	Current	15mA rms	8mA rms	3mA rms	2.5mA rms
Voltmeter Accuracy	0-12V Accuracy: 0.02%+2mV 0-58V Accuracy: 0.02%+5mV				
Milliohm meter Accuracy	10W. 0-1000mΩ Accuracy: 0.2%+3mΩ 1000-10000 mΩ Accuracy: 0.2%+6mΩ				
Working Condition	0-40°C, 0-90%RH				
Power Required	AC 125V/220V±10%, 50/60HZ				
Weight	45kg				
Dimension	482mm(W)×184.5mm(H)×531mm(D)				

No.367, Fuxing N. Rd.,105 Taipei,Taiwan Tel: +886.909 602 109

sales@salukitec.com [www.salukitec.com](http://www.salukitec.com)



# SPS87X Series Programmable DC Power Supply

Special linear design for R&D and laboratory use

900/1050/1100/1125W, 0-11/15/35/60A, 0-15/30/75/100V

## Options

Option No.	Item	Description
M131	RS232 interface communication cable	
M132	RS485 interface communication cable	
M133	USB interface communication cable	

*Attention: Due to the need for improvement, the above contents are subject to change without notice.*