



WPS-300S Series Wide Range Programmable DC Power Supply

The WPS-300S series is a new high-precision and wide range programmable switching DC power supply. It has a novel appearance, light weight, small size, simple operation, and good stability, bringing great convenience to users. It has a high cost-effectiveness advantage and is equipped with RS232, RS485, and USB communication interfaces as standard. It can be widely used in electronic product development, component testing, communication industry, laboratories, and research institutions.

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Description **Review**

- 2 model options: 80V/10A150V/5A rated power 300W
- Resolution of voltage 1mV and current 0.1mA, high-precision display
- Set voltage and current through two methods: digital keyboard and knob
- Nine sets of voltage and current storage and retrieval functions, convenient and fast Output switch control, easy to control
- Intelligent temperature controlled fan, extremely practical
- The knob adopts a coding switch, which is convenient and fast to use, and has anti misadjustment function
- LIST output function
- Voltage and current range setting function
- OVP/OCP setting function
- One click initialization function

Model		WPS300S-80-6	WPS300S-80-10	WPS300S-150-5
Rated input voltage		AC220V/110V±10%		
Rated output voltage		0-80V	0-80V	0-150V
Rated output current		0-6A	0-10A	0-5A
Rated output power		150W	300W	300W
Load regulation rate	Voltage	≤0.02%+8mV	≤0.02%+8mV	≤0.02%+5mV
	Current	≤0.02%+5mA	≤0.02%+5mA	≤0.02%+5mA
Line regulation rate	Voltage	≤0.02%+8mV	≤0.02%+8mV	≤0.02%+5mV
	Current	≤0.02%+5mA	≤0.02%+5mA	≤0.02%+5mA
Setting resolution	Voltage	1mV	1mV	1mV
	Current	0.1mA	0.1mA	0.1mA
Read back resolution	Voltage	≤0.1%+8mV	≤0.1%+8mV	≤0.1%+10mV
	Current	≤0.2%+2mA	≤0.2%+2mA	≤0.2%+2mA
Setting accuracy (25°C±5°C)	Voltage	1mV	1mV	1mV
	Current	0.1mA	0.1mA	0.1mA
Read back accuracy (25°C ±5°C)	Voltage	≤0.1%+8mV	≤0.1%+8mV	≤0.1%+10mV
	Current	≤0.2%+2mA	≤0.2%+2mA	≤0.2%+2mA
Ripple and noise (25°C±5°C)	Voltage	<8mVms	<8mVms	<10mVms
	Current	<5mAms	<5mAms	<3mAms
Temperature coefficient	Operating	0to40°C≤80R.H		
	Storage	-15to70C≤80R.H		
Machine size(W*H*D)	mm	111*170*250		
Net weight	kg	2KG		



