

Single Channel Wide Range DC Power Supply

WPS-300S Series



Features

- It can save the output status and value before the last shutdown
- The adjustable range of current and voltage can be set
- Nine sets of voltage and current storage and recall functions, convenient and fast
- Restore factory settings with one click
- Output switch control for easy control
- Intelligent temperature controlled fan, extremely practical
- List output function
- OVP/OCV setting function
- Adjustable screen brightness

Applications

- Production line work bench routine test
- Lab and institute
- Electronic repair
- Automated equipment integration testing

Standard RS-232 ☒ RS-485 ☒ USB ☒

Optional LAN ☐

* Selected optional interface→ replaces standard

Model		WPS300S-80-6	WPS300S-30-20	WPS300S-80-10	WPS300S-150-5
Rated input voltage		AC220V/110V±10%			
Rated output voltage		0-80V	0-30V	0-80V	0-150V
Rated output current		0-6A	0-20A	0-10A	0-5A
Rated output power		150W	300W	300W	300W
Load regulation rate	Voltage	≤0.02%+8mV	≤0.02%+8mV	≤0.02%+8mV	≤0.02%+5mV
	Current	≤0.02%+5mA	≤0.02%+5mA	≤0.02%+5mA	≤0.02%+5mA
Line regulation rate	Voltage	≤0.02%+8mV	≤0.02%+8mV	≤0.02%+8mV	≤0.02%+5mV
	Current	≤0.02%+5mA	≤0.02%+5mA	≤0.02%+5mA	≤0.02%+5mA
Setting resolution	Voltage	1mV	1mV	1mV	1mV
	Current	0.1mA	0.1mA	0.1mA	0.1mA
Read back resolution	Voltage	≤0.1%+8mV	≤0.1%+8mV	≤0.1%+8mV	≤0.1%+10mV
	Current	≤0.2%+2mA	≤0.2%+2mA	≤0.2%+2mA	≤0.2%+2mA
Setting accuracy (25°C±5°C)	Voltage	1mV	1mV	1mV	1mV
	Current	0.1mA	0.1mA	0.1mA	0.1mA
Read back accuracy (25°C±5°C)	Voltage	≤0.1%+8mV	≤0.1%+8mV	≤0.1%+8mV	≤0.1%+10mV
	Current	≤0.2%+2mA	≤0.2%+2mA	≤0.2%+2mA	≤0.2%+2mA
Ripple and noise (25°C±5°C)	Voltage	<8mVrms	<8mVrms	<8mVrms	<10mVrms
	Current	<5mA _{rms}	<5mA _{rms}	<5mA _{rms}	<3mA _{rms}
Temperature coefficient	Operating	0 to 40°C≤80 R.H.			
	Storage	-15 to 70°C≤80 R.H.			
Machine size (W*H*D)	mm	111*170*250			
Net weight	kg	2KG			