

# Single Channel Wide Range DC Power Supply

WPS-380S Series



Standard RS-232  RS-485  USB

Optional LAN

## 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/OCP setting function
- Adjustable screen brightness

## Applications

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

Model		WPS380S-40-60	WPS380S-80-30	WPS380S-200-12.5	WPS380S-360-7.5	WPS380S-500-5	WPS380S-800-3	WPS380S-1000-2.5
Rated output voltage		0-40V	0-80V	0-200V	0-360V	0-500V	0-800V	0-1000V
Rated output current		0-60A	0-30A	0-12.5A	0-7.5A	0-5A	0-3A	0-2.5A
Rated output power		800W	800W	800W	800W	800W	800W	800W
Load regulation rate	Voltage	≤0.02%+8mV	≤0.02%+8mV	≤0.02%+8mV	≤0.02%+5mV	≤0.02%+5mV	≤0.02%+5mV	≤0.02%+5mV
	Current	≤0.02%+5mA	≤0.02%+5mA	≤0.02%+5mA	≤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	≤0.02%+5mV	≤0.02%+5mV	≤0.02%+5mV
	Current	≤0.02%+5mA	≤0.02%+5mA	≤0.02%+5mA	≤0.02%+5mA	≤0.02%+5mA	≤0.02%+5mA	≤0.02%+5mA
Setting resolution	Voltage	10mV	10mV	10mV	10mV	10mV	10mV	10mV
	Current	10mA	10mA	10mA	10mA	10mA	10mA	10mA
Read back resolution	Voltage	≤0.1%+8mV	≤0.1%+8mV	≤0.1%+8mV	≤0.1%+10mV	≤0.1%+10mV	≤0.1%+10mV	≤0.1%+10mV
	Current	≤0.2%+2mA	≤0.2%+2mA	≤0.2%+2mA	≤0.2%+2mA	≤0.2%+2mA	≤0.2%+2mA	≤0.2%+2mA
Setting accuracy (25°C±5°C)	Voltage	10mV	10mV	10mV	10mV	10mV	10mV	10mV
	Current	10mA	10mA	10mA	10mA	10mA	10mA	10mA
Read back accuracy (25°C±5°C)	Voltage	≤0.1%+8mV	≤0.1%+8mV	≤0.1%+8mV	≤0.1%+10mV	≤0.1%+10mV	≤0.1%+10mV	≤0.1%+10mV
	Current	≤0.2%+2mA	≤0.2%+2mA	≤0.2%+2mA	≤0.2%+2mA	≤0.2%+2mA	≤0.2%+2mA	≤0.2%+2mA
Ripple and noise (25°C±5°C)	Voltage	<8mVrms	<8mVrms	<8mVrms	<10mVrms	<10mVrms	<10mVrms	<10mVrms
	Current	<5mA <sub>rms</sub>	<5mA <sub>rms</sub>	<5mA <sub>rms</sub>	<3mA <sub>rms</sub>	<3mA <sub>rms</sub>	<3mA <sub>rms</sub>	<3mA <sub>rms</sub>
Temperature coefficient	Operating	0 to 40°C ≤80 R.H.						
	Storage	-15 to 70°C ≤80 R.H.						
Size(W*H*D)	mm	111*170*250						
Weight	kg	5						