

Single Channel Wide Range DC Power Supply

WPS-L Series



WPS100-8005L/WPS200-8010L

WPS400-8020L/WPS600-8030L

Features

- LIST output function
- Timing output time can be set (0.1~99999.9 seconds)
- Remote compensation function to compensate the voltage drop on line

- With abundant SCPI instructions make it easy to build an intelligent testing platform
- Optional external analog control function
- Supports output from the front and rear panels
- DVM voltmeter measurement function
- Internal temperature monitoring function

Standard USB SENSE RS232 485

Optional LAN

Model		WPS100-8005L	WPS200-8010L	WPS400-8020L	WPS600-8030L
Rated input voltage		AC220V/110V±10%			
Rated output voltage		0~80V	0~80V	0~80V	0~80V
Rated output current		0~5A	0~10A	0~20A	0~30A
Rated output power		100W	200W	400W	600W
Load regulation rate	Voltage	≤0.01%+3mV	≤0.01%+10mV	≤0.01%+30mV	≤0.01%+30mV
	Current	≤0.05%+2mA	≤0.05%+4mA	≤0.05%+6mA	≤0.1%+10mA
Line regulation	Voltage	≤0.01%+3mV	≤0.01%+10mV	≤0.01%+30mV	≤0.01%+30mV
	Current	≤0.05%+2mA	≤0.05%+4mA	≤0.05%+6mA	≤0.1%+10mA
Setting value resolution	Voltage	1mV	1mV	1mV	1mV
	Current	0.1mA	1mA	1mA	1mA
Readback value resolution	Voltage	1mV	1mV	1mV	1mV
	Current	0.1mA	1mA	1mA	1mA
Setting accuracy (25°C±5°C)	Voltage	≤0.03%+5mV	≤0.03%+5mV	≤0.03%+5mV	≤0.03%+5mV
	Current	≤0.1%+3mA	≤0.1%+5mA	≤0.1%+10mA	≤0.1%+15mA
Readback accuracy (25°C±5°C)	Voltage	≤0.03%+5mV	≤0.03%+5mV	≤0.03%+5mV	≤0.03%+5mV
	Current	≤0.1%+3mA	≤0.1%+5mA	≤0.1%+10mA	≤0.1%+15mA
Ripple	Voltage	≤5mVrms	≤5mVrms	≤8mVrms	≤10mVrms
	Current	≤5mA _{rms}	≤6mA _{rms}	≤8mA _{rms}	≤15mA _{rms}
Rising time		≤150mS(10%-90%)	≤150mS(10%-90%)	≤150mS(10%-90%)	≤150mS(10%-90%)
Falling time		≤2S(10%-90%)	≤2S(10%-90%)	≤2s(10%-90%)	≤2S(10%-90%)
Size	mm	255*110*380		255*110*475	
Weight	kg	8.2	9.2	13.3	15.2