

Programmable Tri-channel DC Power Supply

MPS-X/XP Series



Applications

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

Tri-channel programmable DC power supply is with high resolution, high precision and high stability. Over-voltage and over-heat protection are available. Series and parallel operation are also provided. The resolution is 1 mV / 1 mA.

- Three channels show and adjust current and voltage at the same time
- Intelligent temperature controlled fun to redu cethe noise
- Serial/ Parallel/ Track mode
- Low ripple and noise
- Can be calibrated and monitored through computers
- With SENSE function, can compensate for voltage drop on the line
- Output time can be set(0~99999.9s)
- Output controlled by a switch
- 40 groups of storage can be quickly called

Model		MPS-303X	MPS-306X	MPS-603X	MPS-303XP	MPS-306XP	MPS-603XP
Rated output	Voltage	0~31V*2/0~6V*1	0~31V*2/0~6V*1	0~61V*2/0~6V*1	0~31V*3	0~31V*3	0~61V*3
	Current	0~3A*2/0~3A*1	0~6A*2/0~3A*1	0~3A*2/0~3A*1	0~3A*3	0~6A*3	0~3A*3
Load regulation	Voltage				≤0.01%+3mV		
	Current				≤0.01%+3mA		
Power regulation	Voltage				≤0.01%+3mV		
	Current				≤0.01%+3mA		
Set resolution	Voltage				1mV		
	Current				1mA		
Readback resolution	Voltage				1mV		
	Current				1mA		
Set value accuracy	Voltage				≤0.03%+10mV		
	Current	≤0.1%+5mA	≤0.1%+8mA	≤0.1%+5mA	≤0.1%+5mA	≤0.1%+8mA	≤0.1%+5mA
Readback accuracy	Voltage				≤0.03%+10mV		
	Current	≤0.1%+5mA	≤0.1%+8mA	≤0.1%+5mA	≤0.1%+5mA	≤0.1%+8mA	≤0.1%+5mA
Ripple and noise	Voltage (rms)				≤2mVrms		
	Current				≤5mArms		
Series / parallel set-point value accuracy	Voltage	≤0.02%+5mV	≤0.02%+10mV	≤0.02%+5mV	≤0.02%+10mV	≤0.02%+10mV	≤0.02%+5mV
	Current				≤0.1%+30mA		
Storage	Storage/Call				40 groups		
	Function				timed output off		
Timer	Time set				0.1s~99999.9s		
	Resolution				0.1s		
Working temperature					0~40°C		
Equipment size (W*H*D)	mm	255*110*380	255*110*380	255*110*380	255*110*380	255*110*380	255*110*380
Packing size (W*H*D)	mm	325*210*475	325*210*475	325*210*475	325*210*475	325*210*475	325*210*475
N.W	kg	8.5	8.5	8.5	11	11	11
G.W	kg	10	10	10	13	13	13