

3-Channel DC Power Supply

PS-2303 / PS-2305



■ FEATURE

- Triple outputs: 0~30V/3A Dual - 5V3A Fixed (PS-2303),
0~30V/5A Dual - 5V/3A Fixed (PS-2305)
- Over current protection
- Constant voltage and constant current, low ripple & noise, low temperature drift
- Preset current limit point
- In tracking mode, two outputs are automatically connected in series or parallel without extra cables
- In series mode, the instrument can be connected as positive and negative supplies.
- Multi-tune potentiometer, easy to set up voltage
- Four digital panel meters
- Output standby function
- Overload protection

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■ TECHNICAL SPECIFICATIONS

Model	PS-2303	PS-2305
Output voltage	0~30Vx2, fixed 5V	0~30Vx2, fixed 5V
Output current	0~3A, fixed 3A	0~5A, fixed 3A
Constant voltage operation		
Load regulation	≤0.01%+3mV	≤0.01%+3mV
Line regulation	≤0.01%+3mV	≤0.02%+5mV
Recovery time	≤100us	
Ripple & Noise	≤1mV rms	≤2mV rms
Temperature co-efficient	≤300ppm/℃	
Constant current operation		
Load regulation	≤0.2%+3mA	
Line regulation	≤0.2%+3mA	
Ripple & Noise	≤3mA rms	
Tracking operation		
Parallel	Line regulation: ≤0.01%+3mV	Line regulation: ≤0.01%+3mV
	Load regulation: ≤0.01%+3mV	Load regulation: ≤0.02%+5mV
Serial	Line regulation: ≤0.01%+5mV	
	Load regulation: ≤300mV	
	Slave error: ≤0.5%+10mV, master without load (with load, add load regulation≤300mV)	
Fixed output 5V/3A		
Output accuracy	5V±0.25V	
Max.output current	3A	
Line regulation	≤15mV	
Load regulation	≤15mV	
Ripple & noise	≤2.0mVrms	
Protection	Current limit and short circuit protections	
Display		
Voltmeter display range	30V	30V
Display resolution	100mV	
Display accuracy	±0.5%+2d	
Ammeter display range	3A	5A
Display resolution	10mA	
Display accuracy	±0.5%+2d	
Display mode	3 1/2 digit LED display	
Power source	AC110V/220V, 50/60Hz	
Operating environment	5℃~40℃, <80%	
Storage environment	-10℃~70℃, <80%	
Dimension	245W*140H*345Dmm	
Weight	8.0KG	10KG

Note : Specification will be changed without notice.

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