

## TRIPLE OUTPUT DC POWER SUPPLY



### PS-2303 & PS-2305

#### Features

- Triple outputs: 0~30V/3A Dual - 5V/3A 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

# Technical Specification

DC POWER SUPPLY

TRIPLE OUTPUT

Model	PS-2303	PS-2305
<b>Output voltage</b>	0~30Vx2, fixed 5V	0~30Vx2, fixed 5V
<b>Output current</b>	0~3A, fixed 3A	0~5A, fixed 3A
<b>Constant voltage operation</b>		
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/°C	
<b>Constant current operation</b>		
Load regulation	≤0.2%+3mA	
Line regulation	≤0.2%+3mA	
Ripple & Noise	≤3mA rms	
<b>Tracking operation</b>		
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)	
<b>Fixed output 5V/3A</b>		
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	
<b>Display</b>		
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	
<b>Power source</b>	AC110V/220V, 50/60Hz	
<b>Operating environment</b>	5°C~40°C, <80%	
<b>Storage environment</b>	-10°C~70°C, <80%	
<b>Dimension</b>	245W*140H*345Dmm	
<b>Weight</b>	8.0KG	10KG