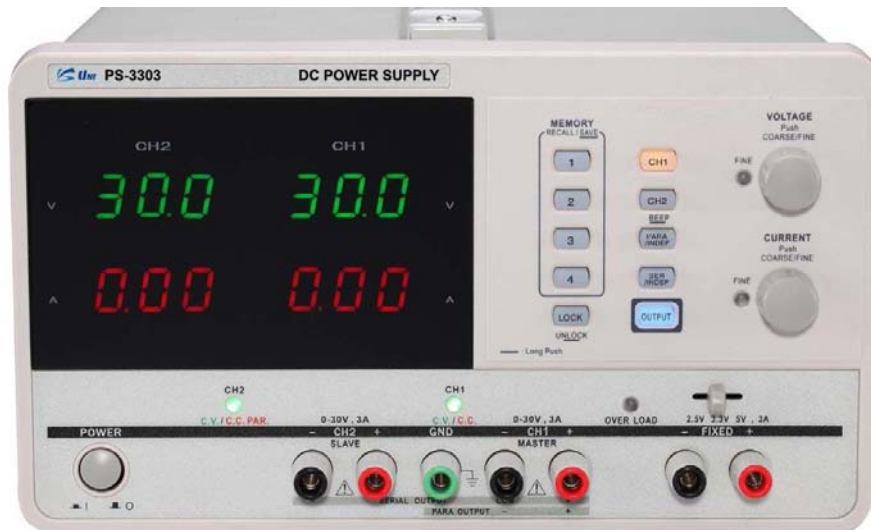# 3-Channel DC Power Supply

PS-3303 / PS-3305

■ FEATURE

- Two independent adjustable outputs: 0~30V/3A*2, 0~30V/5A*2

- One fixed output 2.5V/3.3V/5V(Selectable)-3A

- Minimum resolution: 100mV/10mA

- 4 sets panel settings save & recall

- Panel lock function, output standby function

- Preset voltage, current and password

- Constant voltage, constant current, low Ripple & Noise, low temperature drift

- Tracking parallel and tracking serial to be set inside the instrument

■ TECHNICAL SPECIFICATIONS

Mode	PS-3303	PS-3305
Output	0-30V/3A x 2	0-30V/5A x 2
Constant voltage operation		
Line regulation	≤0.01%+3mV	≤0.01%+3mV
Load regulation	≤0.01%+3mV	≤0.02%+5mV
Recovery time	≤100us	
Ripple & Noise	≤1mV rms	≤2mV rms
Temperature co-efficient	≤300PPm/℃	
Constant current operation		
Line regulation	≤0.2%+3mA	≤0.2%+3mA
Load regulation	≤0.2%+3mA	≤0.2%+5mA
Ripple & Noise	≤3mA rms	≤6mA rms
Tracking parallel		
Line regulation	≤0.01%+3mV	≤0.01%+3mV
Load regulation	≤0.01%+5mV	≤0.02%+10mV
Tracking serial		
Line regulation	≤0.01%+5mV	
Load regulation	≤300mV	
Positive and Negative Supply	Slave tracking error: ≤0.5%+10mV of the master (No load. With load, add load regulation≤300mV)	
CH3 output		
Regulation	Line regulation≤25mV, Load regulation≤25mV	
Ripple & Noise	≤2mV rms	
Output voltage	2.5V, 3.3V, 5V (selectable), ±8%	
Output current	3A	
Protection	Over voltage, over current, over load, over temperature, current limit, short circuit and reverser polarity protections.	
Insulation	Between base and output terminal≥20MΩ/500VDC	
	Between base and power cord≥30MΩ/500VDC	
Display		
Ammeter	3.20A full scale, 3 digits 0.5" LED display	
Voltmeter	32.0V full scale, 3 digits 0.5" LED display	
Display resolution	Voltmeter: 100mV Ammeter: 10mA	
Saving accuracy	V : ±(0.5% of reading + 2digits) A: ±(0.5% of reading + 2digits)	V : ±(0.5% of reading + 2digits A : ±(0.5% of reading + 5digits)
Readback accuracy	V : ±(0.5% of reading + 2digits) A : ±(0.5% of reading + 2digits)	V : ±(0.5% of reading + 2digits A : ±(0.5% of reading + 5digits)
Dimension	300 x 220 x 148mm	
Net Weight	Approx. 7.5kg	Approx. 10.0kg

Note : Specification will be changed without notice.