

DUAL OUTPUT DC POWER SUPPLY

PS-303DU & PS-305DU

Features

- Two independent adjustable outputs
 - PS-303DU : 0~30V x 2, 0~3A x 2
 - PS-305DU : 0~30V x 2, 0~5A x 2
- Constant voltage and constant current operations
- Low ripple & noise, low temperature drift
- Auto Series and Parallel tracking operations
- Output ON/OFF control
- Over load and reverse polarity protections
- Dual-color four digital panel meters



Technical Specification

Model	PS-303DU	PS-305DU
Output voltage	0~30V x 2	0~30V x 2
Output current	0~3A x 2	0~5A x 2
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/°C	
Constant current operation		
Load regulation	≤0.2%+3mA, ≤0.02%+5mA	
Line regulation	≤0.2%+3mA	
Ripple & Noise	≤3mA rms, ≤6mA 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)	
Display		
Voltmeter display range	30V	30V
Display resolution	100mV	
Display accuracy	±0.5%+2 digits	
Ammeter display range	3A	5A
Display resolution	10mA	
Display accuracy	±0.5%+2 digits	
Display mode	3 1/2 digit LED display	
Power source	AC110V/220V, 50/60Hz	
Operating / Store environment	5°C~40°C, <80%RH / -10°C~70°C, <70%RH	
Dimension	260W*160H*330Dmm	
Weight	8.0KG	9.0KG