

DPS-4303PD/4305PD/4503PD 带输出关断多路模拟电源

Multi-Channel Power Supply with Output Turn Off Function

产品特点 Product Features

- 0-30V/0-50V, 0-3A/5A 双路可调, 2.2V-15V/1A 两路可调输出 Dual channel 0-30V/0-50V, 0-3A/5A adjustable, dual channel 2.2V-15V/1A adjustable output
- 恒压、恒流、低纹波噪声、低漂移 Constant voltage, constant current, low ripple noise and low drift
- 串联模式下可构成正负电源输出 Positive and negative power output in series mode
- 具有输出关断功能 With output turn off function
- 可预设电流、电压 With preset current and voltage function



DPS-4303PD

产品型号 Model	DPS-4303PD	DPS-4305PD	DPS-4503PD
主输出电压/电流 Voltage/Current Output	0~30Vx2/0~3Ax2	0~30Vx2/0~5Ax2	0~50Vx2/0~3Ax2
通道 3&4 输出电压 CH3&4 Voltage Output	CH3&CH4: 2.2V~15V±0.25V		
通道 3&4 固定输出电流 CH3&4 Current Fixed Output	CH3&CH4: 1A		
尺寸 Dimensions (L*W*H)	310x250x150mm	310x250x150mm	310x250x150mm
重量 Weight	8.5kg	10kg	10kg
输出关断功能 Output Turn off	√	√	√

主要技术指标 Main Specifications

		DPS-4303PD	DPS-4305PD	DPS-4503PD
稳压特性 Voltage Stabilization Characteristic				
电源效应 Power effect ion		≤0.01%+3mV	≤0.01%+3mV	≤0.01%+3mV
负载效应 Load effect		≤0.01%+3mV	≤0.02%+5mV	≤0.01%+3mV
纹波与噪声 Ripple and noise		≤1mVrms	≤2mVrms	≤1mVrms
稳流特性 Current Stabilization Characteristic				
电源效应 Power effect ion		≤0.2%+3mA	≤0.2%+3mA	≤0.2%+3mA
负载效应 Load effect		≤0.2%+3mA	≤0.2%+5mA	≤0.2%+3mA
纹波与噪声 Ripple and noise		≤3mVrms	≤6mVrms	≤3mVrms
追踪操作 Tracking operation				
并联 In series	电源效应 Power effect ion	≤0.01%+3mV	≤0.01%+3mV	≤0.01%+3mV
	负载效应 Load effect	≤0.02%+5mV	≤0.02%+5mV	≤0.02%+5mV
串联 In parallel	电源效应 Power effect ion	≤0.01%+5mV	≤0.01%+5mV	≤0.01%+5mV
	负载效应 Load effect	≤300mV	≤300mV	≤300mV
固定输出特性 Fixed Output Characteristic				
电压 Voltage		CH3&CH4: 2.2V~15V±0.25V 可调输出 adjustable output		
电流 Current		CH3&CH4: 1A 固定输出 fixed output		
负载效应 Load effect		≤25mV @110/220VAC 额定交流输入电压 rated AC input voltage		
纹波与噪声 Ripple and noise		≤2.0mVrms		
显示 Display				
电压表头 Voltage meter		3 位 A/D 转换数字显示 Three-digit A / D conversion digital display		
电流表头 Current meter		3 位 A/D 转换数字显示 Three-digit A / D conversion digital display		
分辨率 Resolution		100mV/10mA		
实际电压电流精度 Actual V/C accuracy		±(1% reading+2 digits)		
预设电压电流精度 Preset V/C accuracy		±(1% reading+8 digits)		
电源 Power Supply		AC 220V±10% (标准 standard) AC 110V/220V±10% (可选 selectable) 50Hz/60Hz		
使用环境 Operation environment		0℃~40℃, ≤80%RH		
存储条件 Storage environment		-10℃~70℃, ≤70%RH		
标准附件 Standard accessories		电源线 Power cable, 说明书 user manual		