



4CH Output 210W~330W

Features

- ✓ Two main channels with 0~30V/0~3A x2, 0~30V/5A x2, 0~50V/0~3A x2 output
- ✓ Two auxiliary channels with 2.2~15V/1A x2 output
- ✓ Constant voltage and constant current operations, auto CV and CC switch
- ✓ Low ripple and noise, low temperature drift
- ✓ Auto Series and Parallel tracking operations
- ✓ Output ON/OFF control
- ✓ Preset function, setting of voltage and current with output open circuit
- ✓ High efficiency, high power density
- ✓ Over load and reverse polarity protections
- ✓ Dual-color four digital panel meters
- ✓ SMD PCB, high quality, high reliability

Specifications

Model		TP-4303N	TP-4305N	TP-4503N
Rated output	CH1	0~30V, 0~3A	0~30V, 0~5A	0~50V, 0~3A
	CH2	0~30V, 0~3A	0~30V, 0~5A	0~50V, 0~3A
	CH3	2.2~15V/1A	2.2~15V/1A	2.2~15V/1A
	CH4	2.2~15V/1A	2.2~15V/1A	2.2~15V/1A
Constant voltage operation				
Line regulation		≤0.01%+3mV		
Load regulation		≤0.01%+3mV	≤0.02%+5mV	≤0.01%+3mV
Ripple & Noise (5Hz~1MHz)		≤1mVrms	≤2mVrms	≤1mVrms
Recovery time		≤100μS (50% load change, minimum load 0.5A)		
Temp.coefficient		≤300ppm/°C		
Constant current operation				
Line regulation		≤0.2%+3mA		
Load regulation		≤0.2%+3mA	≤0.2%+5mA	≤0.2%+3mA
Ripple & Noise (5Hz~1MHz)		≤3mArms	≤6mArms	≤3mArms
Tracking operation				
Parallel	Line regulation	≤0.01%+3mV		
	Load regulation	≤0.02%+5mV		
Series	Line regulation	≤0.01%+5mV		
	Load regulation	≤300mV		
Auxiliary output (CH3/CH4)				
Load regulation		≤25mV		
Ripple & noise (5Hz~1MHz)		≤2mVrms		
Display				
Voltmeter		3 digits LED display		
Ammeter		3 digits LED display		
Resolution		100mV/10mA		
Accuracy	Output	≤1% rdg+2 digits		
	Preset	≤1% rdg+8 digits		
General				
Operating environment		0°C~40°C, ≤80%RH		
Storage environment		-10°C~70°C, ≤70%RH		
Power source		AC110V/220V±10%, 50/60Hz		
Accessories		AC220V±10%, 50/60Hz; AC110V at request		
Dimensions		255W x 155H x 310D mm		
Weight		8.5kg	10kg	10kg

Specifications are subject to change without prior notice.