



Features

- ✓ Two independent adjustable outputs 0~30V/0~3A x2, 0~30V/0~5A x2
- ✓ One fixed output 5V/3A x1
- ✓ Output ON/OFF control
- ✓ Preset function, setting of voltage and current with output open circuit (TP-2303TK, TP-2305TK)
- ✓ Constant voltage and constant current operations, auto CV and CC switch
- ✓ Low ripple and noise, low temperature drift
- ✓ Auto Series and Parallel tracking operations
- ✓ High efficiency, high power density
- ✓ Over load and reverse polarity protections
- ✓ Dual-color four digital panel meters

Selection guide

Model	TP-2303E TP-2305E	TP-2303C TP-2305C	TP-2303K TP-2305K	TP-2303 TP-2305	TP-2303TK TP-2305TK
Output voltage	0~30V x2	0~30V x2	0~30V x2	0~30V x2	0~30V x2
Output current	0~3A x2 0~5A x2	0~3A x2 0~5A x2	0~3A x2 0~5A x2	0~3A x2 0~5A x2	0~3A x2 0~5A x2
Fixed output		5V/3A	5V/3A	5V/3A	5V/3A
Preset V&I					✓
Output ON/OFF			✓	✓	✓
Tracking operation	✓	✓	✓	✓	✓
Dimension (WxHxD)	255x155x330mm			255x155x370mm	
Weight	7kg/9kg	7kg/9kg	7kg/9kg	8kg/10kg	8kg/10kg

Multiple Output Linear DC Power Supply



Specifications

Model		TP-2303 TP-2303TK	TP-2305 TP-2305TK
Rated output	CH1	0~30V / 0~3A	0~30V / 0~5
	CH2	0~30V / 0~3A	0~30V / 0~5A
	CH3	5V / 3A	5V / 3A
Constant voltage operation			
Line regulation		≤0.01%+3mV	
Load regulation		≤0.01%+3mV (I≤3A); ≤0.02%+5mV (I>3A)	
Ripple & Noise (5Hz~1MHz)		≤1mVrms (I≤3A); ≤2mVrms (I>3A)	
Constant current operation			
Line regulation		≤0.2%+3mA	
Load regulation		≤0.2%+3mA (I≤3A); ≤0.2%+5mA (I>3A)	
Ripple & Noise (5Hz~1MHz)		≤3mArms (I≤3A); ≤6mArms (I>3A)	
Tracking operation			
Parallel	Line regulation	≤0.01%+3mV	
	Load regulation	≤0.01%+3mV (I≤3A); ≤0.02%+5mV (I>3A)	
Series	Line regulation	≤0.01%+5mV	
	Load regulation	≤300mV	
	Tracking error	≤0.5%+10mV of the master, no load (with load, add load regulation ≤300mV)	
Auxiliary output (fixed)			
Output voltage		5V±0.25V	
Output current		3A	
Load regulation		≤25mV @110/220VAC rated input	
Ripple & noise (5Hz~1MHz)		≤2mVrms	
Display			
Voltmeter		3 digits LED display	
Ammeter		3 digits LED display	
Resolution		100mV/10mA	
Accuracy		Real voltage and current output: ±(1% reading+2 digits) Preset voltage and current: ±(1% reading+8 digits)	
General			
Insulation		Between base and output terminal: ≥20MΩ/500VDC Between base and AC power cord: ≥300MΩ/500VDC	
Operating environment		0℃~40℃, ≤80%RH	
Storage environment		-10℃~70℃, ≤70%RH	
Power source		AC110V/220V±10%, 50/60Hz	
Accessories		Power cord x1, Operation manual x1	
Dimensions		255W x 155H x 370D mm	
Weight		8kg	10kg

Specifications are subject to change without prior notice.