

# Multi channel DC power supply

MPD-3303S(A) /MPD-4303S



## Features

- 3 or 4 independent outputs, continuously adjustable
- 6 sets of LED displays: voltage/power to three decimal places and current to four decimal places
- Resolution: 1mV/0.1mA/mW
- Digital panel control (rotary coding switch, silicone button with indicator light)
- Friendly user operation, coarse/fine volume control
- 4 groups save/retrieve
- Lock key function
- Output ON/OFF
- Tracking series/parallel mode "Intelligent temperature controlled fan, effectively reducing noise
- Lightweight design

Standard USB

Optional LAN  RS232

Model		MPD-3303S			MPD-3303SA			MPD-4303S			
Output	Passageway	CH1	CH2	CH3	CH1	CH2	CH3	CH1	CH2	CH3	CH4
	Voltage	0~30V	0~30V	2.5/3.3/5.0V	0~30V	0~30V	0~5V	0~30V	0~30V	0~5V or 5.001V~10V	0~5V
	Electric current	0~3A	0~3A	0~3A	0~3A	0~3A	0~3A	0~3A	0~3A	0~3A or 0~1A	0~1A
Constant voltage mode	Change rate	Voltage variation rate $\leq 0.01\%+3mV$ Load variation rate $\leq 0.01\%+3mV$ (rated current $\leq 3A$ ) $\leq 0.02\%+5mV$ (rated current $>3A$ )									
	Ripple&Noise	1mVrms(5Hz~1MHz)									
	Recovery time	$\leq 100 \mu S$ (load variation 50%, minimum load 0.5A)									
	Temperature coefficient	$\leq 300ppm/^\circ C$									
Constant current mode	Output range	0~rated voltage, continuously adjustable									
	Change rate	Voltage variation rate $\leq 0.2\%+3mA$ Load variation rate $\leq 0.2\%+3mA$									
	ripple current	$\leq 3mA_{rms}$									
Tethered tracking mode	Output range	0~rated current, continuously adjustable									
	Parallel variation rate	Voltage variation rate $\leq 0.01\%+3mV$ Load variation rate $\leq 0.01\%+3mV$ (rated current $\leq 3A$ ) $\leq 0.02\%+5mV$ (rated current $>3A$ )									
	Tandem variation rate	Voltage variation rate $\leq 0.01\%+5mV$ Load variation rate $\leq 300mV$ Tracking error $\leq 0.5\%+10mV$ (10-30V no-load) Connected load $\leq 300mV$ $\leq 0.5\%+30mV$ (0-9.99V no-load) Connected load $\leq 300mV$									
	Tracking error	$\leq 0.5\%+10mV$									
Meter header	Display	Voltage: 5 bits 0.4" LED display Current: 5 bits 0.4" LED display Power: 5 bits 0.4" LED display									
	Resolving power	Voltage: 1mV Current: 0.1mA Power: 1mW									
	Programming accuracy (25+5°)	Voltage: + (0.03% reading+10 bits) Current: + (0.3% reading+10 bits)									
	Reading accuracy (25+5 °C)	Voltage: $\pm(0.03\%$ reading+10 bits) Current: $\pm(0.3\%$ reading+10 bits)									
CH3 specifications	Output voltage	(2.5V/3.3V/5V) $\pm 8\%$			0~5V			0~5V/5~10V			
	Output current	3A			0~3A			0~3A/0~1A			
	Change rate (25+5 °C)	Voltage variation rate $\leq 0.01\%+3mV$ Load variation rate $\leq 0.01\%+3mV$									
	Ripple&Noise	$\leq 1mV_{rms}$ (5Hz~1MHz)			$\leq 1mV_{rms}$ (5Hz~1MHz)			$\leq 2mV_{rms}$ (5Hz~1MHz)			
Lock key function	$\checkmark$										
Save/Recall	4groups										
Power Supply	AC 100V/120V/220V/230V $\pm 10\%$ ,50/60Hz										
Size&Weight	MPD-3303S(A):210*130*265mm ;About7Kg MPD-4303S: 210*130*265mm ; About 8kg										