

Triple Channel Linear DC Power Supply

MPS-H-3 Series



- One key series and parallel independent setting, convenient and easy to use
- In series or parallel, direct display of current and voltage values, no need to calculate
- 4 digits display, 10mV/1mA resolution
- CH1 and CH2 can be controlled independently
- Current can be set without short circuit;
- Slow startup circuit design, so that the startup current pulse is smaller
- USB, RS-232/485 are optional
- Current and voltage output can be set in a certain range, which avoid over tuning to break tested object
- Current and voltage adjusting knob adopts coding switch design, easy to use, long life, low failure rate
- OVP/OCF function

Model		MPS-3003H-3			MPS-3005H-3			MPS-3010H-3			MPS-6003H-3			MPS-6005H-3		
Parameter		CH1	CH2	CH3	CH1	CH2	CH3	CH1	CH2	CH3	CH1	CH2	CH3	CH1	CH2	CH3
Rated output	Voltage	0~30V	0~30V	5V	0~30V	0~30V	5V	0~30V	0~30V	5V	0~60V	0~60V	5V	0~60V	0~60V	5V
	Current	0~3A	0~3A	3A	0~5A	0~5A	3A	0~10A	0~10A	3A	0~3A	0~3A	3A	0~5A	0~5A	3A
Load regulation	Voltage	≤0.01%+5mV		≤15mV	≤0.01%+5mV		≤15mV	≤0.01%+8mV		≤15mV	≤0.01%+5mV		≤15mV	≤0.01%+5mV		≤15mV
	Current	≤0.1%+5mA		-	≤0.1%+5mA		-	≤0.1%+5mA		-	≤0.1%+5mA		-	≤0.1%+5mA		-
Line regulation	Voltage	≤0.01%+5mV		-	≤0.01%+5mV		-	≤0.01%+8mV		-	≤0.01%+5mV		-	≤0.01%+5mV		-
	Current	≤0.1%+5mA		-	≤0.1%+5mA		-	≤0.1%+5mA		-	≤0.1%+5mA		-	≤0.1%+5mA		-
Set resolution	Voltage	10mV		-	10mV		-	10mV		-	10mV		-	10mV		-
	Current	1mA		-	1mA		-	1mA		-	1mA		-	1mA		-
Readback resolution	Voltage	10mV		-	10mV		-	10mV		-	10mV		-	10mV		-
	Current	1mA		-	1mA		-	1mA		-	1mA		-	1mA		-
Set value accuracy	Voltage	≤0.03%+10mV		-	≤0.03%+10mV		-	≤0.03%+10mV		-	≤0.03%+10mV		-	≤0.03%+10mV		-
	Current	≤0.1%+5mA		-	≤0.1%+5mA		-	≤0.1%+5mA		-	≤0.1%+5mA		-	≤0.1%+5mA		-
Readback accuracy	Voltage	≤0.03%+10mV		-	≤0.03%+10mV		-	≤0.03%+10mV		-	≤0.03%+10mV		-	≤0.03%+10mV		-
	Current	≤0.1%+5mA		-	≤0.1%+5mA		-	≤0.1%+5mA		-	≤0.1%+5mA		-	≤0.1%+5mA		-
Parallel mode	Power effect	≤0.01%+5mV		-	≤0.01%+5mV		-	≤0.02%+8mV		-	≤0.02%+5mV		-	≤0.02%+5mV		-
	Load effect	≤0.01%+5mV		-	≤0.02%+5mV		-	≤0.02%+8mV		-	≤0.02%+5mV		-	≤0.02%+5mV		-
Serial mode	Power effect	≤0.01%+5mV		-	≤0.01%+5mV		-	≤0.01%+8mV		-	≤0.01%+5mV		-	≤0.01%+5mV		-
	Load effect	≤0.01%+5mV		-	≤0.02%+5mV		-	≤0.01%+8mV		-	≤0.01%+5mV		-	≤0.01%+5mV		-
Ripple and Noise	Voltage	≤2mV(rms)														
	Current	≤5mA(rms)														
Working temperature		0~40℃ ≤80%RH														
Size (W*H*D)	mm	250*150*330														
Weight	kg	8			9			12			9			9		