



High precision triple-channel linear DC power supply

MPS-H series

Model		MPS-3003H-3			MPS-3005H-3			MPS-3010H-3			MPS-6003H-3			MPS-6005H-3		
Channel		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	$\leq 0.01\%+5mV$		$\leq 15mV$	$\leq 0.01\%+5mV$		$\leq 15mV$	$\leq 0.01\%+8mV$		$\leq 15mV$	$\leq 0.01\%+5mV$		$\leq 15mV$	$\leq 0.01\%+5mV$		$\leq 15mV$
	Current	$\leq 0.1\%+5mA$			$\leq 0.1\%+5mA$			$\leq 0.1\%+5mA$			$\leq 0.1\%+5mA$			$\leq 0.1\%+5mA$		
Power regulation	Voltage	$\leq 0.01\%+5mV$			$\leq 0.01\%+5mV$			$\leq 0.01\%+8mV$			$\leq 0.01\%+5mV$			$\leq 0.01\%+5mV$		
	Current	$\leq 0.1\%+5mA$			$\leq 0.1\%+5mA$			$\leq 0.1\%+5mA$			$\leq 0.1\%+5mA$			$\leq 0.1\%+5mA$		
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	$\leq 0.03\%+10mV$			$\leq 0.03\%+10mV$			$\leq 0.03\%+10mV$			$\leq 0.03\%+10mV$			$\leq 0.03\%+10mV$		
	Current	$\leq 0.1\%+5mA$			$\leq 0.1\%+5mA$			$\leq 0.1\%+5mA$			$\leq 0.1\%+5mA$			$\leq 0.1\%+5mA$		
Readback accuracy	Voltage	$\leq 0.03\%+10mV$			$\leq 0.03\%+10mV$			$\leq 0.03\%+10mV$			$\leq 0.03\%+10mV$			$\leq 0.03\%+10mV$		
	Current	$\leq 0.1\%+5mA$			$\leq 0.1\%+5mA$			$\leq 0.1\%+5mA$			$\leq 0.1\%+5mA$			$\leq 0.1\%+5mA$		
Parallel mode	Power effect	$\leq 0.01\%+5mV$			$\leq 0.01\%+5mV$			$\leq 0.02\%+8mV$			$\leq 0.02\%+5mV$			$\leq 0.01\%+5mV$		
	Load effect	$\leq 0.01\%+5mV$			$\leq 0.02\%+5mV$			$\leq 0.02\%+8mV$			$\leq 0.02\%+5mV$			$\leq 0.02\%+5mV$		
Serial mode	Power effect	$\leq 0.01\%+5mV$			$\leq 0.01\%+5mV$			$\leq 0.01\%+8mV$			$\leq 0.01\%+5mV$			$\leq 0.01\%+5mV$		
	Load effect	$\leq 0.01\%+5mV$			$\leq 0.02\%+5mV$			$\leq 0.01\%+8mV$			$\leq 0.01\%+5mV$			$\leq 0.02\%+5mV$		
Ripple and noise	Voltage	$\leq 2mV(rms)$														
	Current	$\leq 5mA(rms)$														
Working temperature		0~40°C $\leq 80\%RH$														
Size	mm	250*150*330														
Weight	kg	8			9			12			9			9		

