Single Channel Linear DC Power Supply

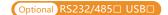
MPS-H-1 Series





- It can save the output status and value before the last hutdown
- Current can be pre-set without short circuit;
- Current and voltage output can be set in a certain range, which can prevent misoperation from damaging the tested object
- Slow startup circuit design, small surge current
- Voltage compensation function to ensure high precision
- USB, RS-232/485 are optional
- Two groups memory, can be recalled quickly
- One click to restore factory settings





≤600W Linear DC power supply

Model	Voltage	Current	Power	
MPS-3010H-1	0-30V	0-10A	300W	
MPS-3020H-1	0-30V	0-20A	600W	
MPS-6005H-1	0-60V	0-5A	300W	
MPS-6010H-1	0-60V	0-10A	600W	
MPS-10003H-1	0-100V	0-3A	300W	
MPS-20002H-1	0-200V	0-2A	400W	
MPS-30001H-1	0-300V	0-1A	300W	

Model		MPS-3010H-1	MPS-3020H-1	MPS-6005H-1	MPS-6010H-1	MPS-10003H-1	MPS-20002H-1	MPS-30001H-1		
Input voltage			AC	220V/110V±10%	50Hz/60Hz	'	•			
Rated output	Voltage	0~30V	0~30V	0~60V	0~60V	0~100V	0~200V	0~300V		
	Current	0~10A	0~20A	0~5A	0~10A	0~3A	0~2A	0~1A		
Load regulation rate	Voltage	≤0.01%+10mV	≤0.01%+10mV	≤0.01%+5mV	≤0.01%+5mV	≤0.01%+8mV	≤0.01%+12mV	≤0.01%+12mV		
	Current	≤0.2%+5mA	≤0.2%+5mA	≤0.2%+5mA	≤0.2%+5mA	≤0.2%+5mA	≤0.2%+5mA	≤0.2%+5mA		
Line regulation rate	Voltage	≤0.01%+10mV	≤0.01%+10mV	≤0.01%+5mV	≤0.01%+5mV	≤0.01%+8mV	≤0.01%+12mV	≤0.01%+12mV		
	Current	≤0.2%+5mA	≤0.2%+5mA	≤0.2%+5mA	≤0.2%+5mA	≤0.2%+5mA	≤0.2%+5mA	≤0.2%+5mA		
Setting resolution rate	Voltage	1mV	1mV	1mV	1mV	10mV	10mV	10mV		
	Current	1mA	1mA	1mA	1mA	1mA	1mA	1mA		
Setting accuracy	Voltage	≤0.01%+10mV	≤0.01%+10mV	≤0.01%+10mV	≤0.01%+10mV	≤0.01%+80mV	≤0.01%+80mV	≤0.01%+80mV		
	Current	≤0.1%+5mA	≤0.1%+10mA	≤0.1%+5mA	≤0.1%+5mA	≤0.1%+5mA	≤0.1%+5mA	≤0.1%+5mA		
Readback resolution rate	Voltage	1mV	1mV	1mV	1mV	10mV	10mV	10mV		
	Current	1mA	1mA	1mA	1mA	1mA	1mA	1mA		
Readback accuracy	Voltage	≤0.01%+10mV	≤0.01%+10mV	≤0.01%+10mV	≤0.01%+10mV	≤0.01%+80mV	≤0.01%+80mV	≤0.01%+80mV		
	Current	≤0.1%+5mA	≤0.1%+10mA	≤0.1%+5mA	≤0.1%+5mA	≤0.1%+5mA	≤0.1%+5mA	≤0.1%+5mA		
Ripple and noise	Voltage	≤3mV(rms)								
	Current	≤5mA(rms)								
Working temperature		0~40°C≤80%RH								
Size (WxHxD)	cm	250*150*330								
Weight	kg	8	13	8	13	12	12	12		

^{*} If with interface, the model NO. will be changed to MPS-H-1C, for example, MPS-3010H-1C means it has RS-232,RS-485 and USB.