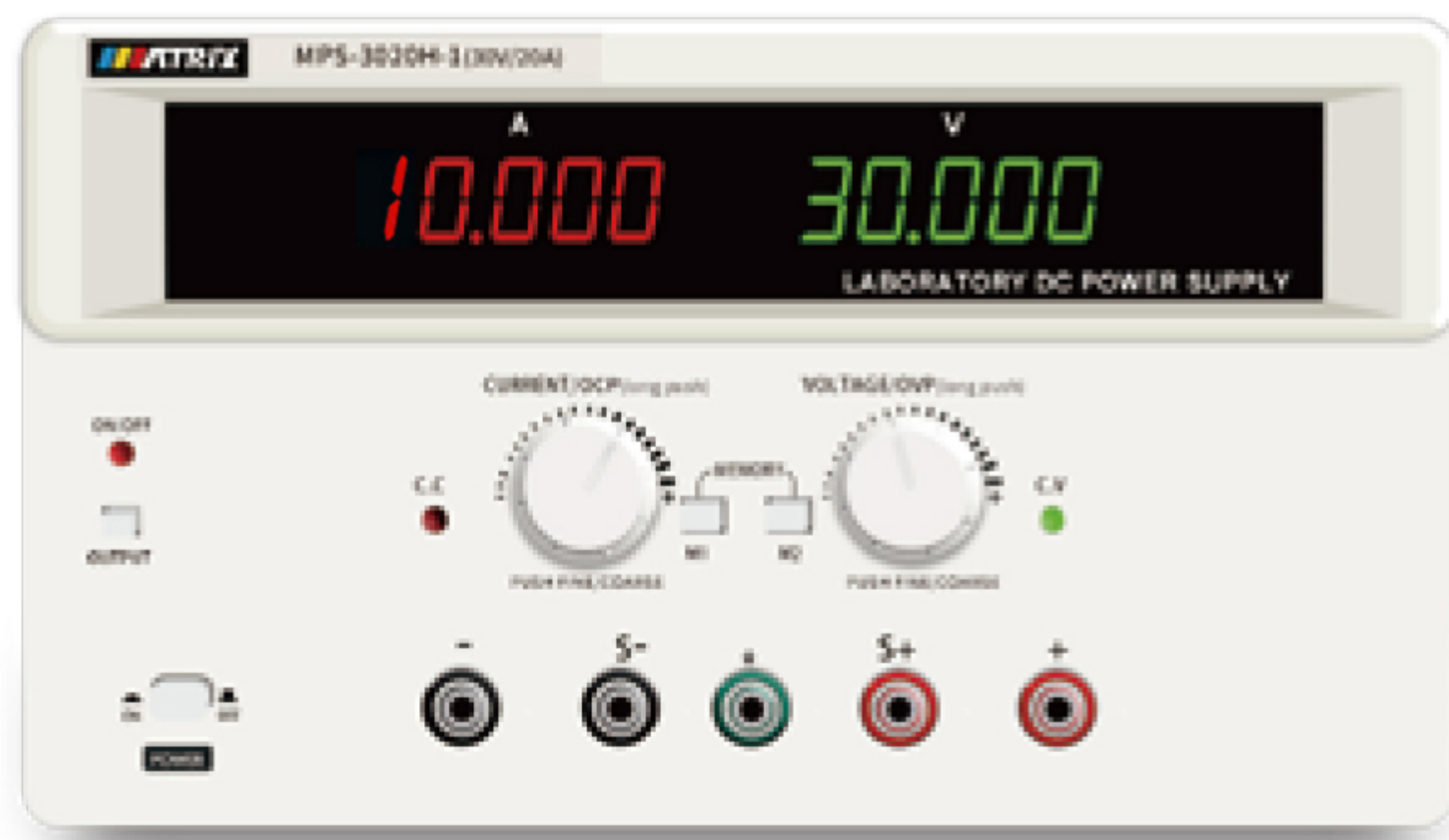


# Single Channel Linear DC Power Supply

## MPS-H-1 Series



- 1mV/1mA resolution
- Current can be set without short circuit;
- Current and voltage output can be set in a certain range, which avoid over tuning to break tested object
- Slow startup circuit design, so that the startup current pulse is smaller

- Voltage compensation function to ensure high precision
- USB, RS-232/485 are optional
- Two groups memory, can be recalled quickly
- Current and voltage adjusting knob adopts coding switch design, easy to use, long life, low failure rate
- OVP/OCP function

Standard SENSE

Optional RS-232 RS-485 USB

### ≤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	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	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	