

# Programmable DC power supply

MPS-3000S



## Features

- 0.1V/0.1mA resolution
- Resilient and durable
- Panel locking function

Standard RS232

Optional LAN  RS485  USB

Model	Voltage	Current	Power
MPS-3000S-1000-1	0~1000V	0~1A	1000W
MPS-3000S-1000-2	0~1000V	0~2A	2000W
MPS-3000S-1000-3	0~1000V	0~3A	3000W
MPS-3000S-1500-1	0~1500V	0~1A	1500W
MPS-3000S-1500-2	0~1500V	0~2A	3000W
MPS-3000S-2000-1	0~2000V	0~1A	2000W
MPS-3000S-2000-1.5	0~2000V	0~1.5A	3000W
MPS-3000S-3000-0.5	0~3000V	0~0.5A	1500W
MPS-3000S-3000-1	0~3000V	0~1A	3000W
Import	AC220V±10%50Hz±10%LN		+PE
Stability accuracy	Source effect	≤0.05% of rated value	
	Time drift	≤0.01% of rated value	
	Warming up	≤0.01%/°C±2 characters (within half an hour)	
	Load effect	No more than 0.01% of the rated value ±2 words	
Stability and flow accuracy	Source effect	≤0.1% of rated value	
	Time drift	≤0.3% of rated value	
	Warming up	≤0.05%/°C±2 characters (within half an hour)	
	Load effect	No more than 0.1% of the rated value ±2 words	
Ripple wave	≤0.1%+20mV (measured at 20%-100% output)		
Productiveness	≥85% (measured at rated output)		
Output display mode	LCD digital display		
Display resolution	0.1V;0.0001A		
Output voltage and current setting	Rotary encoder and key setting		
Guard mode	1) Short circuit, overvoltage, overcurrent, overheating protection, with corresponding fault indicators;		
Operate mode	2) The cooling fan is used to cool the main transformer, IGBT module and rectifier diode;		
	Full capacity, continuous operation		