

## P4000 Series Single Channel Linear DC Power Supply

- + Small body for easy carry
- + 180W maximum output power
- + High resolution : 1mV / 1mA
- + Low ripple/noise
- + Over voltage/over current protection
- + Multi-directional cooling system with smart fan
- + 3.7 inch TFT LCD display
- + Support RS232 digital communication
- + Support SCPI and Labview



### + Performance

Model	P4305	P4603
Channel	Single Channel Output	
Total Output Power	150W	180W
Channel Output	0 - 30V / 0 - 5A × 1-CH	0 - 60V / 0 - 3A × 1-CH
Display	3.7 inch color LCD display	
Dimension	117mm(L) × 194mm ( H ) × 295mm ( D )	
Weight	Approx. 5.6 kg	Approx. 5.8 kg
Interface	RS232	

The instrument must be operated continuously for more than 30 minutes at the specified temperature to ensure the following parameters.

Model	P4305	P4603
Rated Output ( 0°C-40°C )	Voltage	0 - 30V
	Current	5A
Load Regulation	Voltage	≤0.01%+3mV
	Current	≤0.01% + 3mA
Power Regulation	Voltage	≤0.01% + 3mV
	Current	≤0.01% + 3mA
Setting Resolution	Voltage	1mV
	Current	1mA
Readback Resolution	Voltage	1mV
	Current	1mA
Setpoint accuracy ( within 12 month ) ( 25°C±5°C )	Voltage	≤0.03% + 10mV
	Current	≤0.1% + 5mA

Readback Resolution ( 25°C±5°C )	Voltage	$\leq 0.03\% + 10\text{mV}$
	Current	$\leq 0.1\% + 5\text{mA}$
Ripple/Noise ( 20Hz-20MHz )	Voltage ( Vp-p )	$\leq 4\text{mVp-p}$
	Voltage ( rms )	$\leq 1\text{mVrms}$
	Current ( rms )	$\leq 4\text{mA rms}$
Output temperature coefficient ( 0°C-40°C )	Voltage	$\leq 0.03\% + 10\text{mV}$
	Current	$\leq 0.1\% + 5\text{mA}$
Readback temperature coefficient	Voltage	$\leq 0.03\% + 10\text{mV}$
	Current	$\leq 0.1\% + 5\text{mA}$
Response Time		100 $\mu\text{s}$
Storage		5 group data
Working Temperature		0-40°C

The above parameters are subject to change without further notice, please refer to the website update.

## + Application

Military R&D Quality Inspection Circuit Functional Testing Automotive Circuit Testing Education and Technical Training

Electronic component testing and aging experiment Monitoring battery charging curve

## + Main Accessories The picture is for reference only, please refer to the actual product



Power Cord



User Manual



Fuse



Test Leads (optional)



RS232 TO USB Module  
( optional )