

FEATURES

- 1mV/1mA resolution
- Current can be set without short circuit
- Current and voltage output can be set in a certain range, which avoids 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

Model	Voltage	Current	Power
RPS-10003	0-100V	0-3A	300W
RPS-20002	0-200V	0-2A	400W



Input Voltage

	RPS-10003	RPS-20002
Voltage	AC 220V/110V ±10% 50Hz/60Hz	

Rated output

	RPS-10003	RPS-20002
Voltage	0~100V	0~3A
Current	0~200V	0~2A

Load Regulation Rate

	RPS-10003	RPS-20002
Voltage	≤0.01%+8mV	≤0.01%+12mV
Current	≤0.2%+5mA	≤0.2%+5mA

Line Regulation Rate

	RPS-10003	RPS-20002
Voltage	≤0.01%+8mV	≤0.01%+12mV
Current	≤0.2%+5mA	≤0.2%+5mA

Setting Resolution

	RPS-10003	RPS-20002
Voltage	10mV	10mV
Current	1mA	1mA

Setting Accuracy

	RPS-10003	RPS-20002
Voltage	≤0.01%+80mV	≤0.01%+80mV
Current	≤0.1%+5mA	≤0.1%+5mA

Readback Resolution

	RPS-10003	RPS-20002
Voltage	10mV	10mV
Current	1mA	1mA

Readback Accuracy

	RPS-10003	RPS-20002
Voltage	≤0.01%+80mV	≤0.01%+80mV
Current	≤0.1%+5mA	≤0.1%+5mA

Ripple and Noise

	RPS-10003	RPS-20002
Voltage	≤3mV(rms)	≤3mV(rms)
Current	≤5mA(rms)	≤5mA(rms)

	RPS-10003	RPS-20002
Working Temperature	0~40°C ≤80%RH	
Size (WxHxD) cm	50*150*330	
Weight (kg)	12	12