

Single Channel DC Power Supply

PDS Series



- Voltage 1mV current 1mA resolution, high precision display
- Set voltage and current in two ways; digital keyboard and knob
- 100 sets of voltage and current storage call out function, convenient and quick
- Voltage compensation function ensures high precision

- Output switch control, easy to control
- Intelligent temperature control fan, extremely practical
- The knob adopts the code switch, which is convenient to use and has the function of preventing misadjustment
- Over voltage, over current, over temperature protection function

Standard SENSE RS232

Optional Analog control

Model	Voltage	Current	Power	OVP	OCP
Rated input voltage		AC220V±10%			
Rated DC output (0°C~40°C)					
PDS-2030	0~20V	0~30A	600W	0.1~24V	0.1~34A
PDS-3020	0~30V	0~20A	600W	0.1~34V	0.1~24A
PDS-6010	0~60V	0~10A	600W	0.1~64V	0.1~12A
PDS-1560	0~15V	0~60A	900W	0.1~18V	0.1~62A
PDS-3030	0~30V	0~30A	900W	0.1~34V	0.1~34A
PDS-6015	0~60V	0~15A	900W	0.1~64V	0.1~17A
PDS-8010	0~80V	0~11A	880W	0.1~88V	0.1~12A
Power effect	Voltage	≤0.01%+4mV			
	Current	≤0.2%+3mA			
Load effect	Voltage	≤0.1%+5mV			
	Current	≤0.2%+5mA			
Ripple and noise	Voltage	2mVrms,30mVpp			
	Current	≤10mArms			
Setting precision	Voltage	±(0.03%of reading+10mV)(25±5°C)			
	Current	±(0.3%of reading+10mA)(25±5°C)			
Setting resolution		1mV / 1 mA			
Voltage Recovery time		≤1.5ms(50%loadchange)			
Voltage Temperature coefficient		≤300ppm/°C			
Accuracy of reading		±(0.02%of reading+5mV)(25±5°C);±(0.05%of reading+10mA)(25±5°C)			
Protection		OLP, OVP, OCP, OTP, RP			
Interface		Standard RS-232, support SCPI instruction set, analog control interface (optional)			
Storage redeployment		100 groups			
Operating environment		Indoor use , altitude : ≤2000m , ambient temperature : 0~40°C Relative humidity : ≤80% , Install level : II , Degree of pollution : 2			
Storage environment		ambient temperature : -10~70°C , relative humidity : ≤70%			
Power input		AC 220V±10%,50/60Hz			
Accessories		user manual*1pc, power cord*1pc			
Size (W*H*D)		mm 215*89*412			
Net weight		kg 4.6kg(600W), 5.5kg(900W)			