

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 ☒ RS-232 ☒

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)			