



KPS3030DA / KPS3050DA

Single channel high precision and high reliability DC regulated power supply

The KPS 3030DA/ KPS3050DA is a DC switching power supply with constant voltage and constant current operation.

The KPS series of power supplies have advantages such as large output current (KPS3030DA @ 30 Amps & KPS3050DA @ 50 Amps) is lightweight, and has over temperature protection.

The KPS series power supplies can be used in laboratory, service, research and development, education and calibration.

Application

- Laboratory
- Production line testing
- Telecommunication equipment maintenance
- Research & development
- Education training



KPS series technology specification and function features:

Model	KPS3030DA	KPS3050DA
Rated output voltage	0-30V	
Rated output current	0-30A	0-50A
Power supply voltage	220V±10%, 50Hz/60Hz	
Operation condition	Temperature: 0°C ~40°C relative humidity: <80%	
Storage condition	Temperature: 10°C~70°C relative humidity: <80%	
Rated output power	900W	1500W
Power supply effect	CV≤0.01% +3mV CC≤0.1%+6mA	
Load effect	CV≤0.01%+10mV(1≤10A) CC≤0.1%+6mA(1≤10A)	
Ripple and noise	CV≤200mVr.m.s	CV≤200mVr.m.s
Voltmeter display precision	±0.5%rdg+ 2 bit	
Ammeter display precision	±0.5%rdg+2 bit	
High voltage test	leak current≤1 mA (test condition AC-GND 1700VAC/2s)	
Insulation impedance	Insulation impedance≥7 MΩ (test condition AC-GND 500VDC/5s)	
Working method	Constant voltage/constant current	
Protection method	current-limiting, voltage reduction, short-circuit protection, over temperature protection, over voltage protection	
Heat-dissipating method	air cooling	
Size (WxHxD)	W260 xH170 x D380mm	
Weight (KG)	6.44KG	7.44KG

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