

KPS3030DA/KPS3050DA

HIGH POWER ADJUSTABLE DC REGULATED VOLTAGE POWER SUPPLY

Application

- Automotive electronic testing
- Photovoltaic new energy field
- Education, scientific research, laboratory
- Electromechanical field
- LED lighting field
- Other testing, product aging use

Features

- The product has functions of adjustable constant voltage and constant current, and automatically switches state according to load.
- Switching power supply structure, with features of high power, high efficiency, light weight and strong load capacity.
- Perfect protection function, short-circuit protection, over-temperature protection, over-voltage protection.
- The voltage adjustment is made by multi-turn potentiometer, with higher adjustment accuracy.
- automatically High-power temperature-controlled fan dissipates heat according to the internal temperature of the machine.
- Full power design with high reliability.



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℃~40℃ relative humidity: <80%	
Storage condition	temperature-10℃~70℃ 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≤50mVr.m.s	
Voltmeter display precision	±(0.5% of rdng+2 digits)	
Ammeter display precision	±(0.5% of rdng+2 digits)	
High voltage test	leak current≤1mA(test condition AC-GND 1700VAC/2s)	
Insulation impedance	insulation impedance≥7MΩ (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)	W260xH170xD380mm	
Standard Packing		
Inner box: 41x32x23 (CM)	N.W.: 6KG G.W.: 6.3KG	N.W.: 7KG G.W.: 7.3KG