

Characteristics

- Intelligent temperature-controlled fan with low noise
- Voltage and current pre-setting, OUT output function
- Adopt PWM modulation, high efficiency, more power saving
- Internal original chip, stable and reliable performance
- Optional communication interface for PC or PLC remote control
- Built-in OVP over-voltage protection, OCP over-current protection, OPP overload protection, OTP over-temperature protection. OTP over temperature protection

KPS series is the company's latest development and upgrade of a high-power digital display program-controlled switching DC voltage regulator power supply, a beautiful appearance, small size, high performance, powerful, simple operation. Suitable for aerospace and defense, consumer electronics, computers and peripherals, communications, semiconductors, solar energy and automotive electronics and other industries testing, can simultaneously display voltage, current, output voltage and output current are adjusted by the encoder knob, with high power, high current, fast response, rapid load transient response, low noise, easy to use and other significant advantages! With short-circuit protection, over-voltage protection, over-current protection, over-temperature protection and other protection circuits.

Product Model	Product Specifications	Output power
KPS1580D	0-15V 0-80A	1200W
KPS15100D	0-15V 0-100A	1500W
KPS3050D	0-30V 0-50A	1500W
KPS3060D	0-30V 0-60A	1800W
KPS6030D	0-60V 0-30A	1800W
KPS10020D	0-100V 0-20A	2000W
KPS15010D	0-150V 0-10A	1500W
KPS20010D	0-200V 0-10A	2000W
KPS3005D	0-300V 0-5A	1500W
KPS15150D	0-15V 0-150A	2250W
KPS15200D	0-15V 0-200A	3000W
KPS3080D	0-30V 0-80A	2400W
KPS30100D	0-30V 0-100A	3000W
KPS6040D	0-60V 0-40A	2400W
KPS6050D	0-60V 0-50A	3000W
KPS6060D	0-60V 0-60A	3600W
KPS10030D	0-100V 0-30A	3000W
KPS30010D	0-300V 0-10A	3000W



Applications

1. Production Line Testing
2. Laboratory, research and teaching
3. Mobile phone, computer, electrical appliances maintenance
4. Product aging, plating, battery charging
5. Other applications requiring DC regulated power
6. Telecom power, electronic device testing

Product main parameters	
Input Voltage	AC 220V±10% 50Hz
Operating temperature	0°C~40°C;Relative humidity:<80%RH
Storage temperature	-10°C~70°C;Relative humidity:<70%RH
Output power	0-rated (see specification sheet)
Output Voltage	0-rated (see specification sheet)
Output Current	See specification sheet
Set Resolution	Voltage 0.01V
	Current 0.01A
Readback Resolution	Voltage 0.01V
	Current 0.01A
Table header display	0.56" white four-digit digital tube display
Display Accuracy	0.5%±3 digits
Display Resolution	Voltage 0.01V, Current 0.01A
Regulated state	Voltage stability: 0.5%±20mV
	Load stability: 0.5%±20mV
	Ripple voltage: ≤0.5% Vp-p
Regulated flow state	Current stability: 0.5%±20mA
	Load stability: 0.5%±20mA
	Ripple current: ≤0.5% Vp-p
	Temperature coefficient: ≤100ppm/°C
Upside	No load ≤ 15ms
	Full load ≤ 30ms
Dynamic response time	≤2ms
Auxiliary Functions	Output output switch, OCP short-circuit protection switch
Protection function	overvoltage/overcurrent/overload/overtemperature protection
Product Size	335(L)*260(W)*130mm(H) Package Size: 445(L)*340(W)*215mm(H)
Product Bare Weight	2KW/5.5Kg 3KW/7Kg
Product gross weight	2KW/6.2Kg 3KW/7.7Kg
Random Accessories	AC power cord, operation manual, certificate of conformity, terminal block
Optional accessories	RS232 RS485 upper computer communication interface