

Switch Mode DC Power Supply

Rated Power 30W~300W

Introduction

The SP series are regular sized switch mode DC power supply, with single output, rated power from 30W to 300W. With high stability and long service life, the SP series DC power supply are widely used in education and electronic industry.

Features

- ✓ Adopts PWM pre-regulation and linear adjustment
- ✓ Constant voltage and constant current operations
- ✓ Auto CV/CC switch
- ✓ Coarse and Fine control for voltage and current
- ✓ Over current protection, Over voltage protection and Over temperature protection
- ✓ Intelligent cooling fan
- ✓ Display current in mA when less than 1A output

Product photo



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Specifications

Model	SP-1502	SP-1503	SP-1505	SP-3003	SP-3005	SP-3010	SP-6005
Rated output	0-15V 0-2A	0-15V 0-3A	0-15V 0-5A	0-30V 0-3A	0-30V 0-5A	0-30V 0-10A	0-60V 0-5A
Constant voltage operation							
Line regulation	≤0.05%+1mV						
Load regulation	≤0.1%+5mV						
Ripple & Noise	≤10mVrms						
Constant current operation							
Line regulation	≤0.05%+10mA						
Load regulation	≤0.1%+10mA						
Ripple & Noise	≤20mArms						
Display							
Voltmeter	3 digits LED display						
Ammeter	3 digits LED display						
Resolution	100mV/10mA						
Accuracy	±(1% of reading+1 digit)						
General							
Protection	Over current protection, fixed 105% of rated current. Over voltage protection, fixed 105% of rated voltage. Over temperature protection: when internal temperature reaches 65°C±5°C, OTP is activated and the output will be shut down.						
Operating environment	0°C~40°C, ≤80%RH						
Storage environment	-10°C~70°C, ≤70%RH						
Power source	AC115V/230V±10% selectable, 50/60Hz						
Accessories	Power cord x1, Operation manual x1						
Dimensions	125Wx160Hx170D mm			125Wx160Hx260D mm			
Weight	Approx 1.5kg			Approx 2kg			

Specifications are subject to change without prior notice.