

Enclosed Switching Power Supplies



FEATURES

2 Output Terminals Each For Positive And Negative

2 Mounting Possibilities (DIN Rail and Pannel)

LED Lights-up To Indicate Output Voltage Drop



Wide Voltage Input
85 - 264 Volts AC

EMC Standards:
EN61000-4-2,3,4,5
EMI Standards:
IEC-1000-3-2,3,FCC class B

CSA_{US} approvals

Check Our Great Low Prices!

MODELS WITH LOW VOLTAGE OUTPUT LED INDICATOR

MODEL	OUTPUT VOLTAGE	OUTPUT CURRENT	PRICE
SP-P015S024P-FT	24VDC	0.6A	\$44.00
SP-P030S024P-FT	24VDC	1.3A	\$64.00
SP-P050S024P-FT	24VDC	2.1A	\$61.00
SP-P100S024P-FT	24VDC	4.2A	\$98.00
SP-P240S024P-FT	24VDC	10.0A	\$105.00

Prices are subject to change without notice.

DIMENSIONS	
SP-P015	45mm wide x 75mm long x 98.5mm high
SP-P030(50)	75mm wide x 88mm long x 98.5mm high
SP-P100	75mm wide x 140mm long x 98.5mm high
SP-P240	130mm wide x 280mm long x 142.2 mm high

For quality sensors at the very lowest prices, ASK TRASK!

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414 W. Poinsett St., Greer, SC 29650 • Phone (864) 848-3993 • Fax (864) 848-9569 • E-mail: mike@traskinst.com

Rated / Specifications / Functions

High frequency current suppress function		NO(SP- <input type="checkbox"/> -FN) / (SP- <input type="checkbox"/> -FT)						
Item	Capacity	15W	30W	50W	100W	240W	240W	
Efficiency		66%~84%(depend on different mode)						
Input conditions	Voltage * 1	AC	100~240V(85~264)	100V(85~132V)/200V(170~264)switch			100V(85~132V) /200V(170~264)	100~230V (85~253)
		DC	110~350V	NO				
	Frequency		47~450HZ					47~63HZ
	Current * 2	100V input	<0.45A	<0.9A	<1.3A	<2.5A	<5.5A	<4A
		200V input	<0.25A	<0.6A	<0.8A	<1.5A	<3.5A	<2A
								>0.95A
	Leakage current * 2	100V input	<0.5mA					
		200V input	<1mA					
	Rush current * 2	100V input	<15A			<25A		
		200V input	<30A			<50A		
Noise filter		Have						
Voltage adjustable range		±10%(V.ADJ)						
Ripple		<2%(p-p)						
Input variable		<0.5%(inputAC85~132V/AC170~264V,100%)				<0.5%(inputAC85~132V/AC 170~253V,100%)		
Load variable		<1.5%(The rated voltage input 10~100% load))						
Temperature		<0.05%/°C(0~50°C the rated input & output.)						
Starting time		<100ms	(the rated input & output, voltage arrival 90% load.)		<200ms	<300ms	<1000ms	
Holding time		>20ms						
Over current protection* 6		105~160%A(auto rest)						
Over voltage protection* 5		(SP- <input type="checkbox"/> -FT) Input shut down mode					NO	
Voltage shortage indication		Color = RED					NO	
Voltage shortage output		NO		SP-P100S024P-FT	SP-P240S024P-FT	NO		
Parallel operation		NO		2				
Ambient temperature		Refer to derating curve (NO icing or dew)						
Storage temperature		-25~65°C						
Operation humidity		25~85%RH						
Voltage resistance		AC 3.0kV 50/60Hz 1min(input)and(output) AC 2.0kV 50/60Hz 1min(input)and(GR) AC 1.0kV 50/60Hz 1min(output)and(GR)						
Insulation resistance		>100M Ω (output)and(input.GR)						
Shock		10~55Hz 0.375 Amplitude at x.y.z axial for about 2h				10~55Hz 0.15mm amplitude at x.y.z axial for 2h		
Vibration		294m/S ² {30G} at 6 surfaces for three times						
Output indicator		Green light						
EMI		IEC-1000-3-2,3,FCC class B						
EMC		EN61000-4-2,3,4,5,						
Desire life		>8 years.						
Weight		<260g	<380g	<400g	<600g	<1800g	<2200g	

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