

Product Overview

Type	Small size Switching Power Supply			
Model	SP-0305	SP-0312	SP-0324	
Appearances	 <p>[W37.5×H85×L65mm]</p>			
Capacity	3W			
Input	Power supply	100-240VAC 50/60Hz		
	Allowable output frequency range	47 ~ 450Hz		
	Current consumption	Max. 0.15A		
	Efficiency	50 ~ 55%	67 ~ 74%	
Output	Voltage	5VDC	12VDC	24VDC
	Voltage variable range	Max. ±5%		
	Current	0.6A	0.25A	0.13A
	Ripple	Max. 2%		
	Voltage fluctuation ratio	Max. 0.5% (at 85-264VAC 100% Load)		
	Overcurrent protection	Max. 110%		
Reference	I-2~5			

Type	Switching Mode Power Supply(SMPS)																	
Model	SPA-030-05	SPA-050-05	SPA-030-12	SPA-050-12	SPA-030-24	SPA-050-24	SPA-075-05	SPA-100-05	SPA-075-12	SPA-100-12	SPA-075-24	SPA-100-24						
Appearances	 <p>[W97×H40×L120mm]</p>						 <p>[W97×H40×L160mm]</p>											
Capacity	30W	50W	30W	50W	30W	50W	75W	100W	75W	100W	75W	100W						
Input	Voltage						100-240VAC (85-264VAC)						100-120/200-240VAC (85-132/170-264VAC)					
	Frequency						50~60Hz											
	Current consumption	Max. 1.2A	Max. 1.6A	Max. 1.0A	Max. 1.4A	Max. 0.8A	Max. 1.1A	Max. 3.0A	Max. 2.0A	Max. 3.0A	Max. 2.0A	Max. 2.5A	Max. 2.5A					
	Efficiency	Min. 60%	Min. 67%	Min. 74%		Min. 80%		Min. 70%	Min. 78%	Min. 72%	Min. 78%	Min. 80%	Min. 80%					
Output	Voltage		5VDC		12VDC		24VDC		5VDC		12VDC		24VDC					
	Voltage adjustment range		±5%															
	Current	6A	10A	2.5A	4.2A	1.5A	2.1A	15A	20A	6.3A	8.5A	3.2A	4.2A					
	Ripple	Max. ±1%																
	Input fluctuation	Max. ±0.5%																
	Load fluctuation	Max. ±2%		Max. ±1%				Max. ±2%		Max. ±1%								
	Starting time	Max. 200ms		Max. 150ms				Max. 250ms										
	Holding time	Min. 10ms						Max. 5ms		Min. 10ms	Min. 5ms	Max. 10ms						
Protect function	Inrush current protection	Max. 30A (100VAC) /Max. 40A (240VAC)		Max. 20A (100VAC)				Max. 45A (100VAC) /Max. 50A (240VAC)		Max. 35A (100VAC) /Max. 40A (240VAC)	Max. 45A (100VAC) /Max. 50A (240VAC)	Max. 35A (100VAC) /Max. 40A (240VAC)						
	Overcurrent protection	Min. 110%						Min. 105%		Min. 110%								
	Overvoltage protection							6.5V ±10%		16V ±10%		30V ±10%						
	Short protection	Max. 5ms						Max. 10ms		Max. 5ms	Min. 10ms	Max. 5ms						
Reference	I-6~9																	