

SPS-035 Series

35W, Single Output



99 x 82 x 35 mm
3.9 x 3.23 x 1.38 inch

Features:

- * Green-mode designing, meet IEA standard<0.75W (standby state)
- * Universal input 85~264 VAC or 120~375VDC
- * Built in EMI filter, low ripple noise
- * Over load, over voltage, short circuit protection
- * Output voltage $\pm 10\%$ adjustment
- * Non min load requirement
- * 100% 50°C burn-in test
- * UL, cUL, TUV, ,CB, CE standard
- * 2 years warranty

Specification:

MODEL	SPS-035-3.3	SPS-035-05	SPS-035-7.5	SPS-035-12	SPS-035-15	SPS-035-15M	SPS-035-24	SPS-035-24O	SPS-035-48	
OUTPUT	Voltage	3.3V	5V	7.5V	12V	15V	18V	24V	28V	48V
	Min. Load	0A								
	Max. Load	9.0A	7.0A	4.7A	3.0A	2.4A	2.0A	1.5A	1.25A	0.75A
	Regulation	$\pm 3\%$	$\pm 2\%$			$\pm 1\%$				
	Ripple Noise(max)	50mV	50mV	70mV	100mV	100mV	150mV	150mV	200mV	250mV
	Efficiency (tpy)	70%	74%	74%	76%	76%	77%	78%	78%	80%
INPUT	Voltage	Universal input 85~264 VAC or 120~375VDC								
	Frequency	47 ----- 63 Hz								
	Current	1.0A max at 100V AC input, full load condition								
	Inrush Current	<30A@115V / <50A@230V AC input, full load condition. Cold start at 25°C ambient								
	Leakage Current	<1.0mA@240V AC input								
PROTECTION	OverLoadProtection	Over 105% ~ 180% of rating, recovers automatically after fault condition has been removed.								
	OverVoltageProdtection	3.8V-4.6V	5.8V-7.0V	8.6V-10.5V	13.8V-17.5V	17.3V-21V	20.7V-25.2V	27.6V-33.6V	32.2V-39.2V	55.2V-67.2V
	ShortCircuitProtection	Shutdown, recovers automatically after fault condition has been removed.								
OTHERS	Setup time	<2.0S @115V, <0.8S @230V								
	Rise time	<20mS								
	Hold up time	>40mS@230V								
	Cooling	Natural Cooling								
Environment	Temperature	Operating: 0~70°C; derating: 45°C ~70°C : 2.5%/°C. Storage: -10~+75°C								
	Humidity	Operating: 20% ~ 85%; Storage: 10% ~ 95% (non condensing)								
M.T.B.F.	338K hours									
SAFETY	UL 1950, CSA C22.2 No.950-95, TUV EN 60950, IEC 60950, EMKO-TSE (74-SEC)207/94 Certified									
EMC	EMI	FCC CFR 47 PART 15 CLASS B, EN 50081-1, CNS 13438 CALSS B.								
	EMS	EN 50082-1 (1997)								
Packing	N.W.: 0.35Kg / 1pc; 46pcs / 1.22 Cu ft³ / 1 CTN									

Dimension:

