

Country of Origin : Taiwan
 Operating Temperature : 0 ~ 70° C
 Dimension : 99 x 82 x 35 mm
 Approvals / Marks : UL, c-UL, TÜV, CB, CE

**Features:**

Universal input 85~264 VAC or 120~375VDC
 High efficiency, high reliability
 Built in EMI filter, low ripple noise
 Over load, over voltage, short circuit protection
 100% 50°C burn-in test
 UL, c-UL, TÜV, CB, CE standard / (SPS-035-D1 certified)
 1 year warranty

Specification:

MODEL	SPS-035-D1		SPS-035-D2		SPS-035-D3		SPS-035-D4		
	V1	V2	V1	V2	V1	V2	V1	V2	
OUTPUT	Voltage	+5V	+12V	+5V	+24V	+12V	-12V	+15V	-15V
	Min. Load	0.3A	0.1A	0.3A	0.1A	0.3A	0.1A	0.3A	0.1A
	Max. Load	4A	1.5A	4A	1.3A	1.5A	1.5A	1.3A	1.3A
	Tolerance	±3%	±5%	±3%	±5%	±2%	±5%	±2%	±5%
	Ripple & Noise (max)	50mV	120mV	50mV	240mV	120mV	120mV	150mV	200mV
Efficiency (typ)	75%		75%		76%		76%		
Max. Output Power	35W		35W		35W		35W		
INPUT	Voltage	85 ~ 264 VAC / 120 ~ 375VDC Universal input							
	Frequency	47 ~ 63 Hz							
	Current	< 1A@100VAC input, full load condition							
	Inrush Current	< 30A@115VAC / < 50A@230VAC input, full load condition. Cold start at 25°C ambient							
	Leakage Current	< 1mA@240VAC input							
P.F.C.	-								
PROTECTION	Over Load	Over 105% ~ 180% of rating, Shutdown, auto recovery after fault has been removed							
	Over Voltage	+5V: 5.8 ~ 7V		+5V: 5.8 ~ 7V		+12V: 13.8 ~ 17.5V		+15V: 17.3 ~ 21V	
	Over Temp.	-							
Short Circuit	Shutdown, auto recovery after fault has been removed								
OTHERS	Setup time	< 0.8s @230VAC / < 2s @115VAC							
	Rise time	< 20ms							
	Holdup time	> 40ms@230VAC							
	Cooling	Natural Cooling							
Switching Frequency	50KHz (fixed)								
Environment	Temperature	Operating: 0 ~ 70°C / Derating: 45 ~ 70°C : 2.5%/°C / Storage: -10 ~ 75°C							
	Humidity	Operating: 20% ~ 85% RH / Storage: 10% ~ 95% RH (non condensing)							
M.T.B.F.	> 290K hours (according to MIL-HDBK-217F at 25°C environment)								
SAFETY	meets: UL 60950 / CSA C22.2 No.60950 / TÜV EN60950 / IEC 60950 / EMKO-TSE (74-SEC)207/94								
EMC	EMI	FCC CFR 47 PART 15 CLASS B / EN 50081-1 / CNS 13438 CLASS B							
	EMS	EN 50082-1 (1997) / EN61000-4-2,3,4,5,6,8,11							
WEIGHT	N.W.: 0.35 kg/pc								