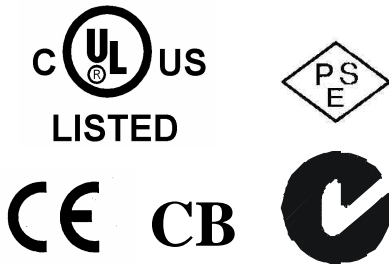




Switching Power Supplies

SPS-04 Series 25W to 40W

The SPS-04 series of AC/DC switching mode power supplies provide 20 to 40 Watts of continuous output power. This series meets the FCC Class B emission limits, and complies with CB,CE,UL, cUL,SAA,C-Tick & PSE requirements.



Features:

- *Universal AC input voltage
- *IEC 320 Input Inlet
- *Single output.

- *Optional output connectors
- *Build-in EMI Filter. Low ripple and noise
- *Short circuit and over load protection.

Input:

Parameter	Condition/Description	Min	Nom	Max	Units
Input voltage		100		240	VAC
Input voltage Variety		90		264	VAC
Input AC frequency		47		63	Hz
Inrush current	Cold start @25 ; peak at 100 VAC peak at 240 VAC			20	A
				40	A
Leakage current	264 VAC input			0.5	mA

Output:

Parameter	Condition/Description	Min	Nom	Max	Units
Line regulation		-1%		+1%	
load regulation		-5%		+5%	
Ripple & noise	20MHz bandwidth			1.0% Vout	Vpp
Output power	0 to 40			40	W
Hold-up time	Full load		10		ms
Dielectric strength	Input/output	3000			VAC

Protection:

Over-current protection	Rating output current	110%		160%	
Over-voltage protection	Rating output voltage	110%		140%	

General & Environmental:

parameter	Condition/Description	min	nom	max	units
Efficiency	Typical at full load		75%		
Life	Typical at full load		50k		hours
Operating temperature		0		+40	
Storage temperature		-40		+85	
Humidity	Non-condensing	5%		90%	RH
Vibration	Vibration frequency 1,500 cycle/minute Swing 2mm Peak-Peak 3 Direction (X-Y-Z) each 30 minute				

Model:

Model	Output Voltage (V)	Output Current (A)	Output Power (W)
SPS-04C9-3	9	3	27
SPS-04C10-3	10	3	30
SPS-04C12-2.5	12	2.5	30
SPS-04C12-3	12	3	36
SPS-04C15-2	15	2	30
SPS-04C16-2	16	2	32
SPS-04C18-1.5	18	1.5	27
SPS-04C18-2	18	2	36
SPS-04C20-1.5	20	1.5	30
SPS-04C20-2	20	2	40
SPS-04C24-1.5	24	1.5	36
SPS-04C27-1	27	1	27
SPS-04C33-1	33	1	33
SPS-04C48-0.5	48	0.5	24
SPS-04C48-0.8	48	0.8	38.4