

120W Single Output Switching Power Supply SP-24AL120W



■ Features:

- Universal full range AC input: 85-264VAC
- Protections: Short circuit/Over load/Over voltage/Over temperature
- Cooling by free air convection
- LED indicator for power on
- 100% full load burn-in test
- UPS Function
- Provided with 105 °C long-life electrolytic capacitor
- Operating Temperature: -20 °C ~+60 °C
- 2G vibration test qualified
- Effective, long life and reliable

SPECIFICATION

MODEL		SP-24AL120W
OUTPUT	DC Voltage	24V
	Rated Current	5A
	Current Range	0 ~ 5A
	Rated Power	120W
	Ripple & Noise	100mVp-p
	Voltage Range	23 ~ 27VDC
	Voltage Tolerance	±1%
	Line Regulation	±1%
	Load Regulation	±0.5%
	Setup, Rise Time	800ms,60ms/230VAC at full load
	Hold Up Time	20ms/230VAC at full load
	INPUT	Voltage Range
Frequency Range		47 ~ 63HZ
Efficiency		88.5%
AC Current		1.4A/110VAC 0.6A/220VAC
Inrush Current		Cold Start: 56A/230VAC
Leakage Current		<2mA/240VAC
Protection	Over Load	105%~180% rated output power Protection type: Hiccup Mode, recovers automatically after fault condition is removed
	Over Voltage	Shut off output automatically.
	Over Temperature	Shut off output voltage and restore automatically when the temperature changes to normal.
Environment	Working Temperature	-20 ~ +60 °C
	Working Humidity	20~90%RH, non-condensing
	Storage TEMP, Humidity	-20 ~ +85 °C, 10 ~ 95%RH
	TEMP. coefficient	±0.03%/°C (0 ~ 50 °C)
	Vibration	10~500HZ, 2G 10min/cycle, period for 60min. each along X, Y, Z axes
Safety& EMC	Safety Standards	TUV EN60950-1:2006 approved
	Withstand Voltage	I/P-O/P:3KVAC I/P-FG:1.5KVAC O/P-FG:0.5KVAC
	Isolation Resistance	I/P-O/P, I/P-FG, O/P-FG:100M Ohms/500VDC/25 °C/70%RH
	EMC EMISSION	Compliance To EN61000-6-4:2007+A1:2011
	EMC IMMUNITY	Compliance To EN61000-6-2:2005,heavy industry level , criteria A
	Dimension	66*125*100 (L*W*H)
	Weight	0.8KG

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■ Dimensions

