



Model		SP-150-24	SP-150-27		Sp-150-48					
Output	DC VOLTAGE	24V	27V		48V					
	RATED CURRENT	6.3A	5.6A		3.2A					
	CURRENT RANGE	0~6.3A	0~5.6A		0~3.2A					
	RATED POWER	150W	151.2W		153.6W					
	RIPPLE & NOISE (max.) Note.2	150mVp-p	150mVp-p		250mVp-p					
	VOLTAGE ADJ. RANGE	22.8~26.4 V	25.7~29.7V		45.6~52.8V					
	VOLTAGE TOLERANCE Note.3	±1.0%	±1.0%		±1.0%					
	LINE REGULATION	±0.5%	±0.5%		±0.5%					
	LOAD REGULATION	±0.5%	±0.5%		±0.5%					
	SETUP, RISE TIME	600ms, 30ms at full load								
	HOLD TIME (Typ.)	20ms at full load								
	VOLTAGE RANGE Note.5	85 ~ 264VAC		120 ~ 370VDC						
	FREQUENCY RANGE	47 ~ 63Hz								
	POWER FACTOR (Typ.)	PF>0.93/230VAC		PF>0.98/115VAC at full load						
	EFFICIENCY (Typ)	67%	75%	79%	80%	80%	81%	83%	84%	84%
	AC CURRENT	2.5A/115VAC		1.2A/230VAC						
	INRUSH CURRENT	COLD START 40A/230VAC								
	LEAKAGE CURRENT	<2mA / 240VAC								
PROTECTION	OVER LOAD	105 ~ 150% rated output power Protection type : Constant current limiting, recovers automatically after fault condition is removed								
	OVER VOLTAGE	3.63 ~ 4.46 V	5.5 ~ 6.75V	8.25 ~10.13V	13.2 ~16.2V	14.85 ~18.2V	16.5 ~ 20.25V	26.4~ 32.4V	29.7~ 36.45V	52.8 ~64.8V
	OVER TEMPERATURE	Protection type : Shut down o/p voltage, re-power on to recover 95°C ±5°C (Detect on heatsink of power transistor)								
		Protection type : Shut down o/p voltage, recovers automatically after temperature goes down								
FUNCTION	REMOTE CONTROL (OPTION)	CN1:4 ~ 10VDC POWER ON, <0 ~ 0.8VDC POWER OFF								
ENVIRONMENT	WORKING TEMP.	-10 ~ +60°C (Refer to output load derating curve)								
	WORKING HUMIDITY	20 ~ 90% RH non-condensing								
	STORAGE TEMP., HUMIDITY	-20 ~ +85°C 10 ~ 95% RH								
	TEMP. COEFFICIENT	±0.05%/°C (0~ 50°C )								
	VIBRATION	10 ~ 500Hz, 2G 10min./1cycle, 60min. each along X, Y, Z axes								

SAFETY & EMC (Note 4)	SAFETY STANDARDS	UL60950-1, TUV EN60950-1 and S-MARK J60950 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
	EMI CONDUCTION & RADIATION	Compliance to EN55022 (CISPR22) Class B
	HARMONIC CURRENT	Compliance to EN61000-3-2,-3
	EMS IMMUNITY	Compliance to EN61000-4-2,3,4,5,6,8,11; ENV50204, EN55024, Light industry level, criteria A
OTHERS	MTBF	191.2K hrs min. MIL-HDBK-217F (25°C)
	DIMENSION	199*99*50mm (L*W*H)
	PACKING	0.76Kg; 20pcs/16.4Kg/1.28CUFT
NOTE	<p>1. All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25°C of ambient Temperatur.</p> <p>2. Ripple &amp; noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1uf &amp; 47uf parallel capacitor.</p> <p>3. Tolerance : includes set up tolerance, line regulation and load regulation.</p> <p>4. The power supply is considered a component which will be installed into a final equipment. The final equipment must be re-confirmed that it still meets EMC directives.</p> <p>5. Derating may be needed under low input voltages. Please check the derating curve for more details.</p>	



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Weitere Informationen und die Möglichkeit zu bestellen erhalten Sie im Shop.

E-Mail [info@cnc-modellbautechnik.info](mailto:info@cnc-modellbautechnik.info)

Sie können uns auch unter 0173-7301834 erreichen.

Wir machen ihnen auch gerne ein Persönliches Angebot.  
Mit Freundlichen Grüßen

**Juri Bichert**