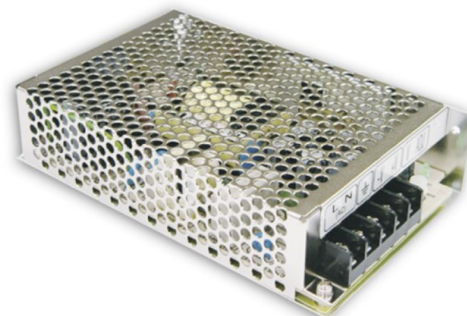


Project :	Date :
Cat. No. :	Type :
Notes :	Volts :

LED POWER SUPPLY CONSTANT VOLTAGE

FEATURES:

- Protections: Short circuit / Overload / Over voltage
- Cooling by free air convection
- 100% full load burn-in test
- Universal AC input/Full range



SPECIFICATION

MODEL		NES-75-12	
OUTPUT	DC VOLTAGE	12V	
	RATED CURRENT	6.2A	
	CURRENT RANGE	0 ~ 6.2A	
	RATED POWER	74.4W	
	RIPPLE & NOISE (max.) Note.2	120mVp-p	
	VOLTAGE ADJ. RANGE	10.8 ~ 13.2V	
	VOLTAGE TOLERANCE Note.3	±1.0%	
	LINE REGULATION Note.4	±0.5%	
	LOAD REGULATION Note.5	±0.5%	
	SETUP, RISE TIME	500ms, 30ms/230VAC	1200ms, 30ms/115VAC at full load
HOLD UP TIME (Typ.)	50ms/230VAC	10ms/115VAC at full load	
INPUT	VOLTAGE RANGE	85 ~ 264VAC	120 ~ 370VDC
	FREQUENCY RANGE	47 ~ 63Hz	
	EFFICIENCY (Typ.)	82%	
	AC CURRENT (Typ.)	1.5A/115VAC	0.9A/230VAC
	INRUSH CURRENT (Typ.)	COLD START 45A	
LEAKAGE CURRENT	<2mA / 240VAC		
PROTECTION	OVERLOAD	110 ~ 150% rated output power Protection type : Hiccup mode, recovers automatically after fault condition is removed	
	OVER VOLTAGE	13.8 ~ 16.2V Protection type : Shut down o/p voltage, re-power on to recover	
ENVIRONMENT	WORKING TEMP.	-20 ~ +60°C (Refer to "Derating Curve")	
	WORKING HUMIDITY	20 ~ 90% RH non-condensing	
	STORAGE TEMP., HUMIDITY	-40 ~ +85°C, 10 ~ 95% RH	
	TEMP. COEFFICIENT	±0.03%/°C (0 ~ 45°C)	
SAFETY & EMC (Note 7)	VIBRATION	10 ~ 500Hz, 2G 10min./1cycle, period for 60min. each along X, Y, Z axes	
	SAFETY STANDARDS Note.6	UL60950-1, CB(IEC60950-1), CCC GB4943.1:2011 approved	
	WITHSTAND VOLTAGE	I/P-O/P:3KVAC I/P-FG:2KVAC 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 EN55022 (CISPR22) Class B, EN61000-3-2,-3	
OTHERS	EMC IMMUNITY	Compliance to EN61000-4-2,3,4,5,6,8,11, EN55024, EN61000-6-1, light industry level, criteria A	
	MTBF	378.2K hrs min.	MIL-HDBK-217F (25°C)
	DIMENSION	159*97*38mm (L*W*H)	
NOTE	PACKING	0.52Kg; 30pcs/16.6Kg/0.97CUFT	
	<ol style="list-style-type: none"> 1. All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25°C of ambient temperature. 2. Ripple & noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1uf & 47uf parallel capacitor. 3. Tolerance : includes set up tolerance, line regulation and load regulation. 4. Line regulation is measured from low line to high line at rated load. 5. Load regulation is measured from 0% to 100% rated load. 6. For the request of GB4943.1, the power supply is only suitable for use in the altitude 2000m below and the non tropical climate condition. 		

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This specification is valid as of 2022-09 and is subject to change without notice. Please confirm with the manufacturer before placing an order.
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