

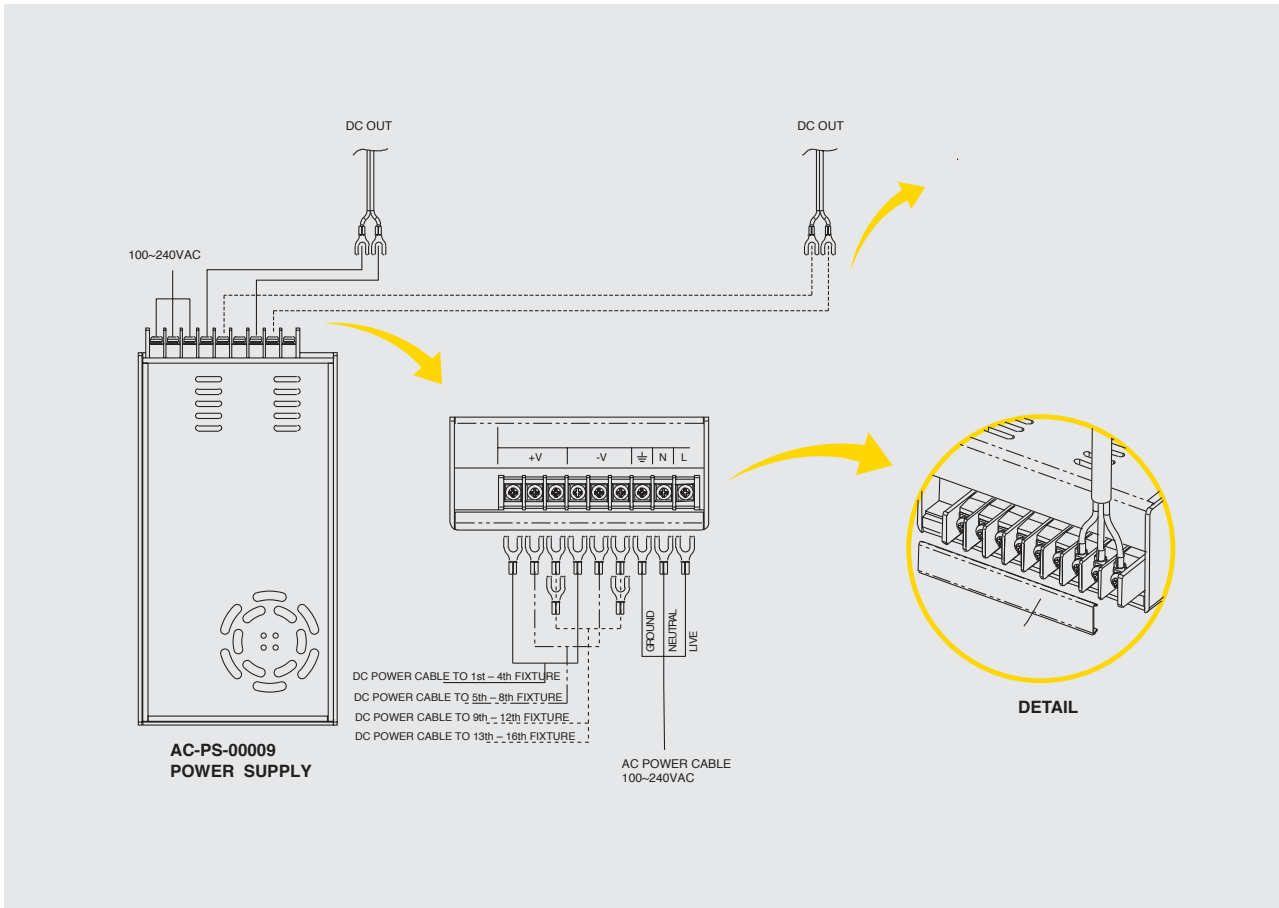
Switching System Power Supply 24V/13A

➤ TECHNICAL SPECIFICATIONS

OUTPUT	SYSTEM POWER SUPPLY:	MODEL AC-PS-00003
	DC VOLTAGE:	24V
	RATED CURRENT:	13A
	CURRENT RANGE:	0~13A
	RATED POWER:	312W
	RIPPLE & NOISE (max):	150mVp-p
	VOLTAGE ADJ. ANGE	20~26.4V
	VOLTAGE TOLERANCE:	± 1.0%
	LINE REGULATION:	± 0.2%
	LOAD REGULATION	± 0.5%
	SETUP, RISE, HOLD TIME:	800ms, 50ms, 16ms/230VAC; 2500ms, 50ms, 16ms/115VAC at full load
INPUT	VOLTAGE RANGE:	88~264VAC; 124~370VDC
	FREQUENCY RANGE:	47~63Hz
	CURRENT RANGE:	PF>0.95/230VAC; PF>0.98/115VAC at full load
	EFFICIENCY:	87%
	AC CURRENT:	2.5A/230VAC; 5A/115VAC
	INRUSH CURRENT (max):	40A/230VAC; 22A/115VAC
PROTECTION	LEAKAGE CURRENT:	<1mA/240VAC
	OVER LOAD:	105-135% rated output power Protection Type: Hiccup mode, recovers automatically after fault condition is removed
	OVER VOLTAGE:	27.6~32.4V Protection Type: Shut down O/P voltage, re-power on to recover
ENVIRONMENT	OVER TEMPERATURE:	80°C ± 5°C (70°C ± 5°C 3.3V, 5V only) (TSW1: Detect on heatsink of power transistor) Protection Type: Shut down O/P voltage, recovers automatically after temperature goes down
	WORKING TEMPERATURE:	-20 ~ +65°C (Refer to output load derating curve)
	WORKING HUMIDITY:	20~90% RH non-condensing
	STORAGE TEMP., HUMIDITY:	-40 ~ +85°C, 10~95% RH
SAFETY & EMC	TEMP. COEFFICIENT:	± 0.03%/°C (0~50°C)
	VIBRATION:	10~500Hz, 2G 10min./1cycle, 60min. Each along X, Y, Z axes
	SAFETY STANDARDS:	UL60950-1, TÜV EN60950-1 Approval
	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
OTHERS	EMI CONDUCTION & RADIATION:	Compliance to EN55022 (CISPR22) Class B
	HAMONIC 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:	207K hrs min. MIL-HDBK-217F (25°C)
	DIMENSION:	L215 x W115 x H50
	PACKING:	1.1kg; 12pcs/14kg/0.92CUFT

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TECHNICAL DRAWING - CONNECTION



TECHNICAL DRAWING - SYSTEM POWER SUPPLY

