



104W Triple Output Switching Power Supply

MWP-608



■ Features :

- Universal AC input/Full range
- Protections:Short circuit/Over load
- Cooling by free air convection
- 2 years warranty



SPECIFICATION

MODEL		MWP-608		
OUTPUT	OUTPUT NUMBER	CH1	CH2	CH3
	DC VOLTAGE	5V	12V	24V
	RATED CURRENT	10A	2A	1.25A
	CURRENT RANGE	3 ~ 15A	0.2 ~ 4A	0.2 ~ 4A
	RATED POWER	104W		
	RIPPLE & NOISE (max.) Note.2	50mVp-p	120mVp-p	150mVp-p
	VOLTAGE ADJ. RANGE	CH1: 4.75 ~ 5.5V		
	VOLTAGE TOLERANCE Note.3	±2.0%	±8.0%	-5,+10%
	LINE REGULATION	±0.5%	±1.0%	±1.0%
	LOAD REGULATION	±1.0%	±6.0%	±6.0%
SETUP, RISE, HOLD TIME	200ms, 50ms, 16ms at full load			
INPUT	VOLTAGE RANGE	88 ~ 132VAC/176 ~ 264VAC selected by switch		
	FREQUENCY RANGE	47 ~ 63Hz		
	EFFICIENCY (Typ.)	80%		
	AC CURRENT	2.8A/115VAC	1.7A/230VAC	
	INRUSH CURRENT (max.)	COLD START 20A/115VAC	40A/230VAC	
LEAKAGE CURRENT	<3.5mA / 240VAC			
PROTECTION	OVER LOAD	150 ~ 200% rated output power (CH1:19.2 ~ 29.2) Protection type : Fold back current limiting, recovers automatically after fault condition is removed		
	OPERATING DISPLAY	Double color LED correct Range: Green(5~5.4Vref.); Wrong Range: Red		
ENVIRONMENT	WORKING TEMP.	-10 ~ +60°C		
	WORKING HUMIDITY	20 ~ 90% RH non-condensing		
	STORAGE TEMP., HUMIDITY	-20 ~ +85°C, 5 ~ 95% RH		
	TEMP. COEFFICIENT	±0.05%/°C (0 ~ 50°C) on +5V output		
	VIBRATION	10 ~ 500Hz, 2G 10min./1cycle, 60min. each along X, Y, Z axes		
SAFETY & EMC (Note 4)	SAFETY STANDARDS	TUV EN60950-1 Approved		
	WITHSTAND VOLTAGE	I/P-O/P:3KVAC	I/P-FG:1.5KVAC	
	ISOLATION RESISTANCE	I/P-O/P, I/P-FG :100M Ohms/500VDC		
	EMI CONDUCTION & RADIATION	Compliance to EN55022 (CISPR22) Class B		
	HARMONIC CURRENT	Compliance to EN60555-2,-3		
EMS IMMUNITY	Compliance to EN61000-4-2,3,4,5 Light industry level, criteria A			
OTHERS	MTBF	267K hrs min. MIL-HDBK-217F (25°C)		
	DIMENSION	180*110*50mm (L*W*H)	203*115*50mm(L*W*H) with terminal & fixed iron	
	PACKING	0.9Kg; 16pcs/15.4Kg/0.95CUFT		
NOTE	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. Load regulation is measured from 20% to 100% rated load, and other output at 60% rated load. 5. 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.			

