



# 104W Triple Output Switching Power Supply

# MWP-606(A)



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



## SPECIFICATION

MODEL		MWP-606(A)		
OUTPUT	OUTPUT NUMBER	CH1	CH2	CH3
	DC VOLTAGE	5V	12V	-5V
	RATED CURRENT	15A	2A	1A
	CURRENT RANGE	3 ~ 15A	0.2 ~ 4A	0.1 ~ 1A
	RATED POWER	104W		
	RIPPLE & NOISE (max.) Note.2	50mVp-p	120mVp-p	60mVp-p
	VOLTAGE ADJ. RANGE	CH1: 4.75 ~ 5.5V		
	VOLTAGE TOLERANCE Note.3	±2.0%	±8.0%	±10%
	LINE REGULATION	±0.5%	±1.0%	±1.0%
	LOAD REGULATION	±1.0%	±6.0%	±8.0%
SETUP, RISE, HOLD TIME	200ms, 50ms, 16ms at full load			
INPUT	VOLTAGE RANGE	88 ~ 132VAC/176 ~ 264VAC selected by switch    124 ~ 370VDC		
	FREQUENCY RANGE	47 ~ 63Hz		
	EFFICIENCY (Typ.)	75%		
	AC CURRENT	2.6A/115VAC    1.3A/230VAC		
	INRUSH CURRENT (max.)	COLD START 20A/115VAC    40A/230VAC		
	LEAKAGE CURRENT	<0.5mA / 240VAC		
PROTECTION	OVER LOAD	105 ~ 150% rated output power Protection type : Fold back current limiting, recovers automatically after fault condition is removed		
FUNCTION	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, 10 ~ 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	UL60950-1, TUV EN60950-1 Approved		
	WITHSTAND VOLTAGE	I/P-O/P:1.5KVAC    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 EN61555-2,-3		
OTHERS	EMM IMMUNITY	Compliance to IEC801-2,3,4, Light industry level, criteria A		
	MTBF	348.3K 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	<ol style="list-style-type: none"> <li>1. All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25°C of ambient temperature.</li> <li>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.</li> <li>3. Tolerance : includes set up tolerance, line regulation and load regulation.</li> <li>4. Load regulation is measured from 20% to 100% rated load, and other output at 60% rated load.</li> <li>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.</li> </ol>			