

SPECIFICATION

MODEL	M8553		
OUTPUT	OUTPUT NUMBER	CH1	CH2
	DC VOLTAGE	13.8V	13.8V
	RATED CURRENT	3A	0.8A
	CURRENT RANGE	0~3.8A	----
	RATED POWER	50W	
	RIPPLE & NOISE (max.)	120mVp-p	----
	VOLTAGE ADJ. RANGE	CH1:12.5~14.2V	
	VOLTAGE TOLERANCE	±1.0%	----
	LINE REGULATION	±0.5%	----
	LOAD REGULATION	±0.5%	----
	SETUP, RISE TIME Note.	2000ms, 30ms/230VAC 3000ms, 30ms/115VAC at full load	
	HOLD UP TIME (Typ.)	40ms/230VAC 40ms/115VAC at full load	
INPUT	VOLTAGE RANGE	100 ~ 240VAC	
	FREQUENCY RANGE	47 ~ 63Hz	
	POWER FACTOR (Typ.)	0.5	
	EFFICIENCY (Typ.)	83%	
	AC CURRENT (Typ.)	1A/115VAC 0.5A/230VAC	
	INRUSH CURRENT (Typ.)	COLD START 35A/115VAC 70A/230VAC	
	LEAKAGE CURRENT	<1mA / 240VAC	
PROTECTION	OVERLOAD	105 ~ 150% rated output power Protection type : Hiccup mode, recovers automatically after fault condition is removed	
	OVER VOLTAGE	CH1:15 ~ 18V Protection type : Shut down o/p voltage, re-power on to recover	
	BATTERY CUT OFF	10±1V	
ENVIRONMENT	WORKING TEMP.	-20 ~ +60°C (Refer to "Derating Curve")	
	WORKING HUMIDITY	20 ~ 90% RH non-condensing	
	STORAGE TEMP., HUMIDITY	-20 ~ +85°C, 10 ~ 95% RH	
	TEMP. COEFFICIENT	±0.03%/°C (0~45°C) on CH1 output	
	VIBRATION	10 ~ 500Hz, 2G 10min./1cycle, 60min. each along X, Y, Z axes	
SAFETY & EMC	SAFETY STANDARDS	UL60950-1, TUV EN60950-1 approved	
	WITHSTAND VOLTAGE	I/P-O/P:3KVAC I/P-FG:2.0KVAC 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	
	EMC IMMUNITY	Compliance to EN61000-4-2,3,4,5,6,8,11, EN55024, light industry level, criteria A	
OTHERS	MTBF	257K hrs min. MIL-HDBK-217F (25°C)	
	DIMENSION	Enclosed type:110*77*36mm (L*W*H)	
	PACKING	----	