

AC-DC SWITCHING ADAPTER SPECIFICATION

MODEL .	M8987A	ISSUE DATE	2011-6-30
CUSTOMER		REF. NO.	

INPUT

INPUT VOLTAGE	100 to 240 Vac
INPUT FREQUENCY	50 to 60 Hz
NO LOAD POWER CONSUMPTION	< 0.3 W
INPUT FULL LOAD CURRENT(at 120 Vac)	0.7 A
INPUT POWER	44 W Max

OUTPUT

LIGHT LOAD OUTPUT VOLTAGE	5.0/6.0/7.5/9.0/12.0/13.5/15.0V dc $\pm 10\%$
FULL LOAD OUTPUT VOLTAGE	5.0/6.0/7.5/9.0/12.0/13.5/15.0V dc $\pm 10\%$
MIN LOAD OUTPUT CURRENT	0 A
MAX LOAD OUTPUT CURRENT	3A @ 5.0/6.0/7.5/9.0/12.0V dc ;2.4A@13.5/15.0V dc
NOISE TEST BANDWIDTH	20MHz Each output bypassed by a 10uF electrolytic capacitor parallel with a 0.1uF ceramic capacitor to GND
LINE REGULATION	0.5 % Input 100 to 240 Vac output loaded at full load
SETUP,RISE,HOLD UPTIME	200ms,30ms,17ms/115Vac; 200ms,20ms,80ms/230Vac

OVERALL PERFORMANCE

TOTAL OUTPUT POWER	36 W Max
EFFICIENCY	COMPLIED with EUP

PROTECTION

☒ OVER CURRENT PROTECTION	☒ SHORT CIRCUIT PROTECTION
☒ OVER VOLTAGE PROTECTION	☐ L.P.S (Limits for power source)
☒ OVER POWER PROTECTION	☐ OTHER

HI-POT

INPUT TO OUTPUT	3000 Vac 5 mA 50/60 Hz
INPUT TO CASE	3000 Vac 5 mA 50/60 Hz
OUTPUT TO CASE	1500 Vac 5 mA 50/60 Hz
ISOLATION RESISTANCE	100 M Ohms I/P-O/P I/P/Enclosure
APPLIANCE	CLASS I ☐ II ☒ III ☐

ENVIRONMENTAL

OPERATING TEMPERATURE	0 °C to 25 °C
STORGE TEMPERATURE	-20 °C to 50 °C
OPERATING HUMIDITY	20%-85% RH. NON-CONDENSING
STORGE HUMIDITY	10%-90% RH. NON-CONDENSING

SAFFTY STANDARDS

SAFETY STANDARDS	GS
EMC STANDARDS	CE

RELIABILITY

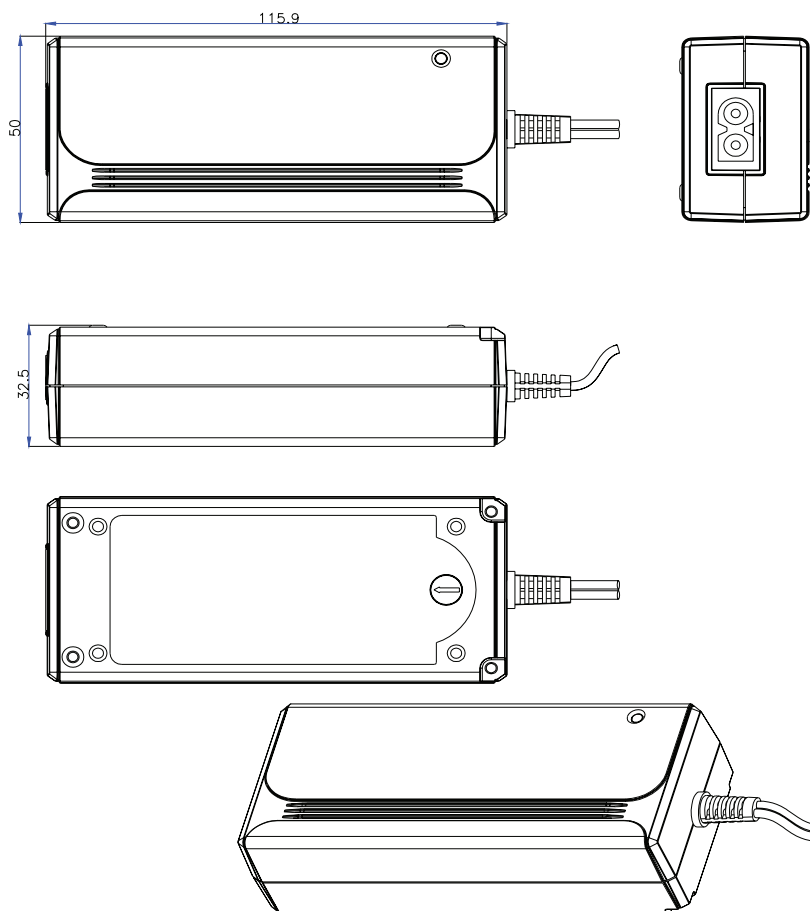
MTBF	50000 Hours min
BURN-IN	8 Hours 25°C,full load,220Vac,50Hz

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MECHANICAL SPECIFICATION

DIMENSION	115.5 mm(L)* 50mm(W)*32 mm(H)
WEIGHT	300 g MAX exclude packing
INPUT CORD	
INPUT PLUG	SAA
OUTPUT CORD	
OUTPUT PLUG	2.1X5.5MM, 2.5X5.5MM, 3.5X1.35MM, 4X1.7MM, 5X1.5MM, 2.35X0.75MM
OUTPUT CONNECTOR	

APPEARANCE & DIMENSIONS**APPROVE:****AUDITING:****CONNER:**