

SPECIFICATION

Universal AC Input 13W 5VDC 2.6A Output Interchangeable AC Plug Adapter



P/N: W050026HKX1

**** Specification Approval****

This specification (total 8 pages including cover page) is approved in it's entirety by:

Company Name

Print Name

Signature

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1.0 INTRODUCTION

This document specifies a switching power supply with an output of +5V, and electronic process. The switching power supply will provide power for technology equipment including electrical business equipment.

2.0 INPUT REQUIREMENTS

2.1 Input Voltage Range :	100(-10%)VAC to 240(+10%)VAC
2.2 Input Frequency Range:	47Hz to 63Hz
2.3 Input Power Consumption (no-load):	0.3W Max.
2.4 Input Inrush Current:	50A Max.
2.5 Input Current:	0.8A Max.

3.0 OUTPUT REQUIREMENTS

3.1 Output Voltage:	+5V
3.2 Output Regulation:	4.7-5.3V
3.3 Output Load Range:	2.6A
3.4 Output Ripple & Noise:	200mV Max. @ 20MHz bandwidth with 10UF/50V capacitance and 104/50V ceramic capacitor.

4.0 EFFICIENCY: 75.34% @ average of 25/50/75/100% loads 115/230VAC input

5.0 LINE REGULATION: 2% Max.

6.0 HOLD UP TIME: 10ms Min. at 110VAC full load.

7.0 TURN ON TIME: 2S Max. at 110VAC full load.

8.0 TEMPERATURE COEFFICIENT: 0.05%/°C

9.0 DIELECTRIC STRENGTH (Hi-Pot) TEST

9.1 Finished product withstands AC 3.0KV, for 2 second, 4mA Max primary to secondary.

9.2 Finished product withstands AC 3.0KV, for 2 second, 4mA Max primary to case.

10.0 INSULATION RESISTANCE

Primary to secondary: 50M OHM to 500VDC.

11.0 PROTECTION

11.1 Input Protection

The switching power supply has a 2A inner current fuse to protect itself.

11.2 Output Protection

11.2.1 Output Current:

Overload conditions shall decrease the output voltage removal of an output overload shall provide automatic recovery for the output voltage.

11.2.2 Short Circuit Protection: Auto-recovery.

12.0 ENVIRONMENTAL CONDITIONS

The switching power supply can withstand the following environmental conditions:

12.1 Storage Temperature: -20 ~ +70

Relative Humidity: 10% ~ 95%

12.2 Operation Temperature: 0°C~40°C

Relative Humidity: 10%~95%

13.0 EMI / EMC

The switching power supply has approved by the following standards:

FCC PART 15B AS/NZS 55022/55024

EN55022(EN61000-3-2. EN61000-3-3)

EN55024(IEC61000-4-2. IEC6 1000-4-3. IEC61000-4-4.

IEC61000-4-6. IEC61000-4-8. IEC61000-4-11.)

14.0 RELIABILITY AND QUALITY CONTROL

14.1 Burn-in

The burn-in test will be performed at least 2 hours at 40 centigrade degrees under full load condition.

15.0 SAFETY

The switching power supply has approved by the following safety standards:

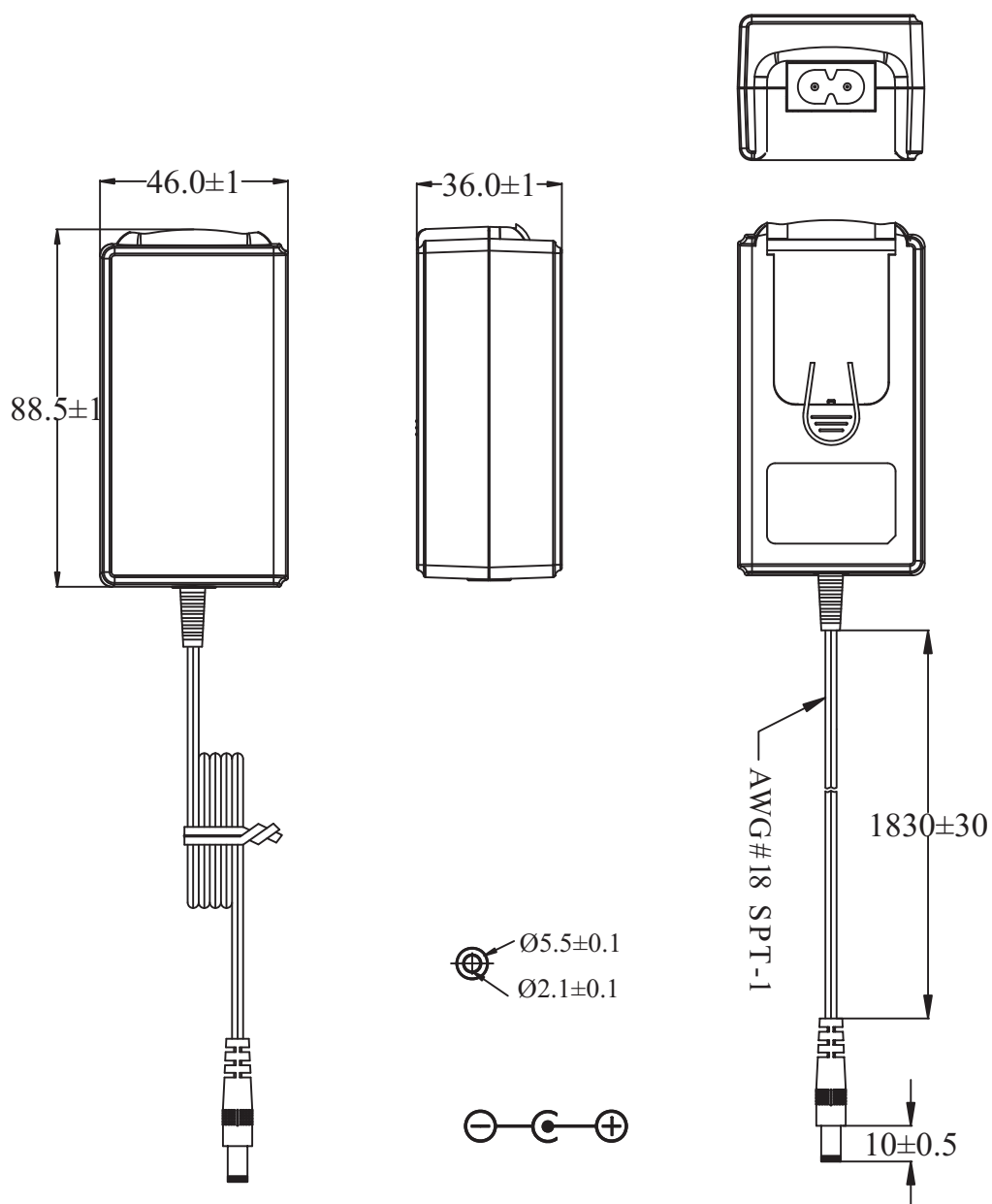
UL60950-1 2nd Edition ,2007-03-27 CSA C22.2 NO.60950-1-07,

2nd Edition.2007-03 BS EN60950-1:2006

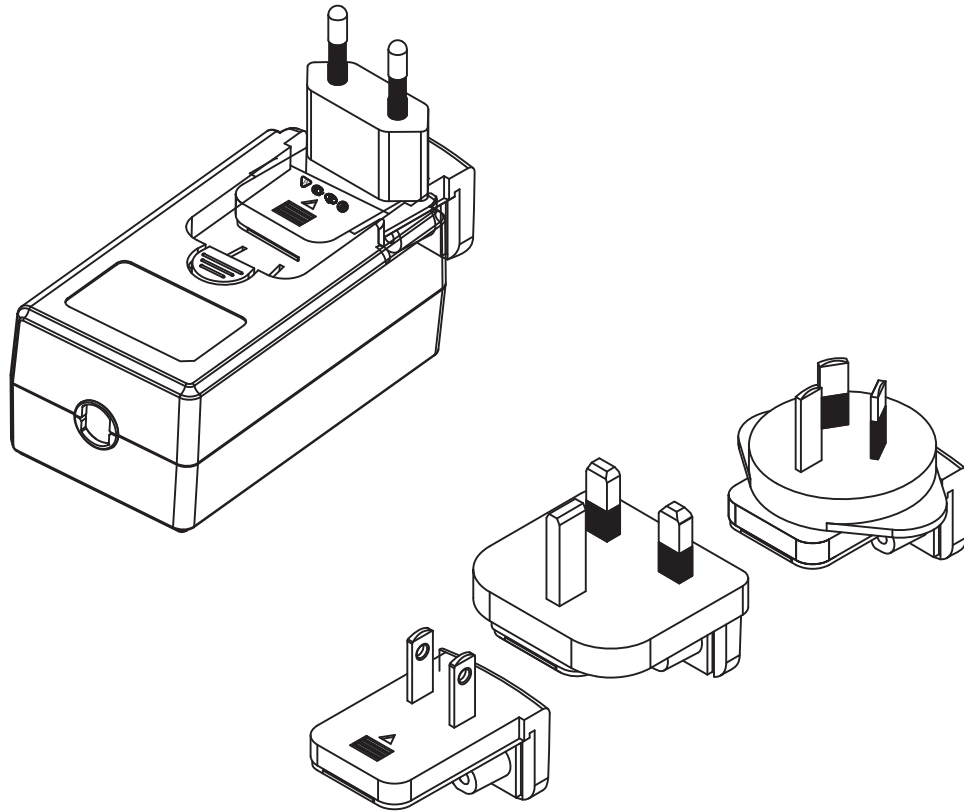
AS/NZS 60950.1:2003 inc amendment1.2&3

16. MECHANICAL DRAWING

UNIT: mm



17. AC PLUGS



19. MARKING

