

SPECIFICATION

High Quality Switching Desktop Adapter

**Universal AC Input
12W 6.0VDC 2.0A Output**

P/N: A060020EN1

****Specification Approval****

This specification (total 7 pages including cover page) is approved in it's entirety by:

Company Name

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Signature

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031009V1.0

1. General

Model A060020EN1 is a switching mode power supply, operating at input voltage 90VAC to 264VAC and output voltage of 6VDC with 2.0A DC load.

2. Electric

2.1 Input

No	ITEM	SPECIFICATION
1	Input Voltage	AC 100V-240V
	Input Voltage Range	AC 90V-264V
2	Frequency	50-60Hz
	Frequency Range	47-63Hz
3	Input Current	500mA RMS Max
	Inrush Current	40A Max. at 115VAC cold start
		80A Max. at 230VAC cold start
4	Leakage current	3.5mA
5	Efficiency	80.3% (Level V)
6	Input power (Output: no load)	0.3W (Level V)

2.2 Output:

No	ITEM	
1	Output Voltage	6VDC
2	Output max. current	3.0A
3	Output min. Current	0A
4	Line and Load regulation	±5%
5	Over voltage protection	The output voltage shall be clamped by internal protection zener
6	Short circuit protection	Output shut down and auto-recover
7	Ripple Voltage	100mV (p-p) (100-240VAC Input)

2.3 Hi Pot Specification

Input to output 1500VAC or 2121VDC 10mA 1 minute.

2.4 Insulation resistance:

Input to output: 500vdc to test the input to output resistance not be less 100M ohm

2.6 EMI standard: FCC Class B, CE, VCCI

2.7 PB-free standard: RoHS Compliant

3. Mechanical

3.1 AC Plug : IEC320/C14 Type.

3.2 DC cord:

3.2.1 Bending test: Life 1000 times 100% guarantee. Swings 120 degrees from left to right loading weight 500g, 40 cycle/minute.

3.2.2 Pull test: DC cord and plug, weight 6kg for 1 minute.

3.3 Weight: 119g

3.4 Case Size: (L)80.6 x (W)50 x (H)31mm

3.5 Normal operating temperature and humidity

3.5.1 Temperature

Operating: 0 to 40C

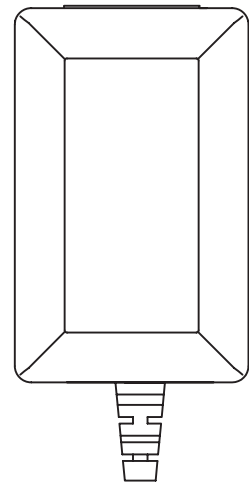
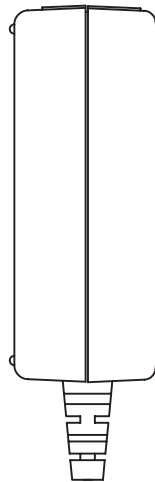
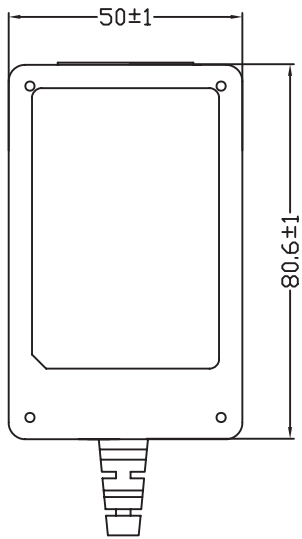
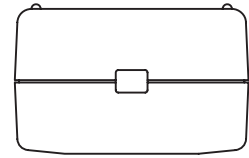
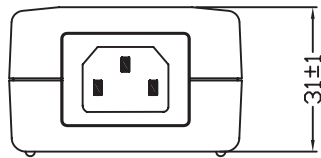
Storage : -10 to 70C

3.5.2 Humidity

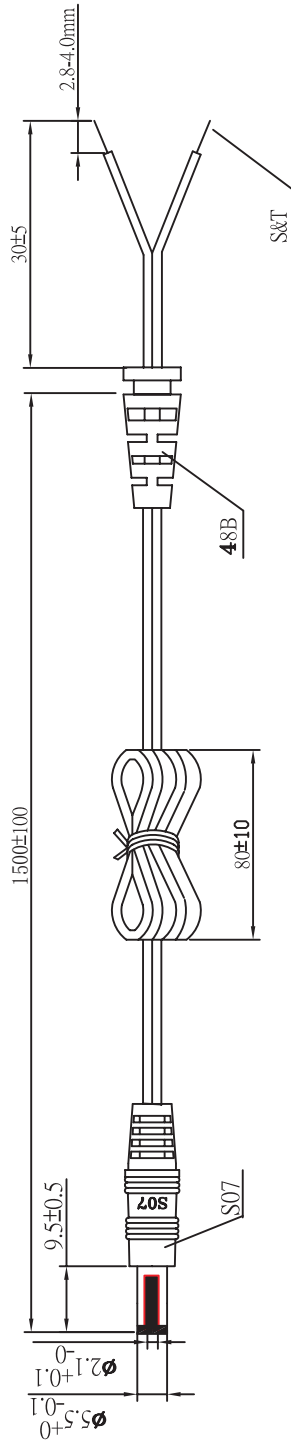
Operating 20% to 80%

Storage: 10% to 90%

5. Drawing



6. DC Cable & Plug



#18AWGX2C SPT-1 60°C HAVE ON WORD WIRE IN OUTER, NO WORD WIRE IN INNER

OD: $\phi 2.7 \times 5.4$ - — +

7. Label

