

Revision: 02

Approval Sheet

CUSTOMER: AC48CUSTOMER MODEL NO.: SPS091D3PCENG MODEL NO.: EPAS-101W-09ENG PART NO.: @3A-101WX09-037DESCRIPTION: SWITCHING POWER SUPPLYDATE: 2009/7/20

PREPARED	DESIGNED	CHECKED	APPROVED
	 		

APPROVAL DATE:

CUSTOMER APPROVAL		

FILE NO.: EN-RDS-J592

FILE: @3A-101WX09-037

SHEET:01

1 Product Characteristics:**1.1 General Description**

Model EPAS-101W-09 is a universal switching-mode power supply, operating at input voltage 90VAC to 255VAC and output voltage of 9VDC with 1.3A DC load

1.2 Electric Characteristics**1.2.1 Input**

No	ITEM	SPECIFICATION
1.	Rated input Voltage	AC100V-240V
	Vibration input Voltage Range	AC90V-255V
2.	Frequency Rated	50-60Hz
	Frequency Vibration	47-63Hz
3.	Input Rated Current	300mA RMS Max
	Inrush Current	15A Max .at 115vac cool start
		30A Max .at 230vac cool start
4.	Leakage current	0.25mA
5.	Efficiency	60% Min.

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1.2.2 Output:

No	ITEM	V1
1.	output Voltage	9VDC
2.	output max. current	1.3A
3.	output min. Current	0A
4.	Line regulation	$\pm 1\%$
5.	Output voltage tolerance	$\pm 5\%$
6.	Over voltage protection	11.4V to 12.6VDC (output shut down)
7.	Short circuit protection	Output shut down and auto restart
8.	Ripple Voltage (L.F.)	150mV (p-p) (100V-240VAC at full load)

1.2.3 HI-POT SPECIFICATION

Input to output : 3000VAC 10mA 1 minute.

1.2.4 Insulation resistance:

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

1.2.5 Safety approved: UL,CUL,PSE**1.2.6 EMI standard : meet EN55022 B****1.2.7 PB-free standard: RoHS Compliant**

1.3 Mechanical Characteristics

1.3.1 AC plug: Direct plug-In UL Type.

1.3.2 DC cord:

(1)Bending test: Life 1000 times 100% guarantee. Swings 120 from

Left to right loading weight 200g , 40 cycle/minute.

(2)Pull test : DC cord and plug ,weight 6kg for 1 minute.

1.3.3 Cord length and output plug: See Reference Att.4

1.3.4 Weight : 112 g

1.3.5 Case Size: (L)60 X (W) 44 X (H) 25mm

1.3.6 Normal operating temperature and humidity

1.3.7 Temperature

Operating: 0°C to 40°C

Storage : -10°C to 70°C

1.3.8 Humidity

Operating : 20% to 80%.

Storage: 10% to 90%

Att.2



