

1.INPUT/输入特性

1.1 Input voltage rating/额定输入电压范围:	100-240V AC
1.2 Input voltage range/输入电压范围:	90-264V AC
1.3 Input frequency rating/额定输入频率:	60/50 Hz
1.4 Input frequency range/输入频率范围:	63/47 Hz
1.5 AC input current/最大输入电流:	0.9 A Max .@100V AC
1.6 AC input power saving/输入空载功率:	0.3 W Max .@230V AC at no load
1.7 Inrush Current/最大浪涌电流:	60 A Max .@100VAC (Cold start/冷启动) 90 A Max .@230VAC (Cold start/冷启动)
1.8 Leakage current/最大漏电流:	0.25mA Max

2. Output characteristics/输出特性

2.1 Output voltage/输出电压:	5 V
2.2 Max. load current/最大负载电流:	6.8 A
2.3 Min. load current/最小负载电流:	0 A
2.4 Output no-load voltage/输出空载电压:	5 V± 5%
2.5 Output full load voltage/输出满载电压:	5 V± 5%
2.6 Output ripple & noise/输出纹波与噪声:	250 mV max.

Measurement is done by 20 MHz bandwidth oscilloscope and the output paralleled a 0.1 uF ceramic capacitor and a 10 uF electrolysis capacitor.

量测时示波器选用20MHz带宽限制, 输出端要并联一颗0.1uF的陶瓷电容和一颗10uF的电解电容。

3. General characteristics/一般特性

3.1 Total output power/额定总输出功率:	34 Watts
3.2 Average Efficiency / 平均效率:	While input 115Vac and 230Vac, the average efficiency is more than 84.42% .The test point is at 25%,50%,75% and 100% of max load respectively. V 级 在输入115Vac和230Vac条件下, 平均效率不小于 84.42% 测试点分别是最大载的25%, 50%, 75% 和 100%. 测试要求电源满载预热30分钟测试.
3.3 Short circuit protection/短路保护:	A Short circuit placed on DC output shall cause no damage or auto-recovery the power supply. 输出短路时电源不会损坏或自动还原供电.
3.4 Over Voltage Protection/过压保护:	When overvoltage occurs on DC output shall cause no damage or auto-recovery the power supply. 输出过压发生时电源不会损坏或自动还原供电.

4. Environment/环境:

4.1 Operating temperature/:操作温度	0~40℃
4.2 Storage temperature/:存储温度	-25℃ to 70℃
4.3 Operating humidity/:环境湿度	8% to 90%
4.4 Storage humidity/:存储湿度	5% to 95%

5. Application safety standard : meet/应用安全标准

☐ UL 60950	☒ EN 60950	☒ AS/NZS 60950	☐ J60950	☐ K60950
☐ UL 60065	☐ EN 60065	☐ AS/NZS 60065	☐ J60065	
☐ UL 1310	☐ EN 60335	☐ GB4943	☐ J61558	
	☐ EN 61558	☐ GB8898		

6. EMC standard /电磁干扰标准:

6.1 EMI standard / EMI 标准:

☐ FCC Part 15 Class B	☐ GB 9254-2008	☐ J55022
☒ EN 55022: 2010+AC:2011	☐ GB 17625.1-2012	☐ J55013
☐ EN 55013: 2013		

6.2 EMS standard / EMS 标准:

☒ EN 61000-4-2/ESD静电耐受测试	☒ EN 61000-4-5/Surge点击波耐受测试
☒ EN 61000-4-3/RS辐射场强耐受测试	☒ EN 61000-4-6/CS传导场强耐受测试
☒ EN 61000-4-4/EFT/Burst瞬间脉冲耐受测试	

7. HI-POT test/高压测试

(1)Primary to secondary/:初级对次级	4525VDC for 3sec. 5mA(production testing)
	4242VDC for 1min. 5mA(Sample testing)
(2)Primary to case/:初级对外壳 (only for metal case)/只适用于金属外壳	4525VDC for 3sec 5mA(Production test)

8. Insulation resistance /绝缘电阻

Input to output/输入对输出:	>10Mohm.@500VDC
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9. Reliability:/ 可靠性

9.1 MTBF/平均故障间隔时间:	50K hours min. @full load at 25℃ ambient temperature.
9.2 Burn-in/烘烤:	2-4hours,25~45℃ ,Input 220VAC,Output 80% load .
9.3 Altitude: Will operate properly at altitude between 0 to 6000ft 正常运转在0到6000英尺之间的高度.	

10. Mechanical/ 机械结构

10.1 Dimensions/尺寸:Please see the mechanical dimension drawing./请参见机械尺寸图

10.2 Weight/重量: 148 g

11. Mechanical specification/机械参数:

11.1 Drop test/落地测试: The height of 1 M,frepuency 1 drop per face.

dropping surface on concrete floor judgment standard:No function fail & no cabinet joint broken.

11.2 Bending test: With load 200g, then bend ± 60 degree at ratio of 45times/minute.

摇摆试验:吊重200 g,然后折弯 ± 60 度,频率按45次/分钟.

16AWG	-----	5000cycles Min
18AWG	-----	4500cycles Min
20AWG	-----	2400cycles Min
22AWG	-----	2000cycles Min
24AWG	-----	1500cycles Min
26AWG	-----	1000cycles Min

11.3AC plug drawing/输入插头图面: Attached/附图

11.4AC cable drawing/输入线图面: Attached/附图

11.5DC cable drawing/输出线图面: Attached/附图

11.6Outline drawing/外观图面: Attached/附图

11.7Lable drawing/铭牌图面: Attached/附图

11.8Package drawing/包装图面: Attached/附图

SAMPLE PRIMARY TEST REPORT/样品初测报告

MODEL NO./产品型号: 034H-050680-Z

TEST BY/测试人: 李景扬

Test Items./测试项目	Test Condition/测试条件	Unit/单位	Sample quantity and test result/样品数量和测试结果										Pass/Fail
			USB1+USB2	USB3+USB4									
Unload output voltage/ 空载输出电压 (0.0A) 4.75vdc - 5.25vdc	90Vac	V	5.17	5.17									PASS
	115Vac	V	5.17	5.17									PASS
	230Vac	V	5.17	5.17									PASS
	264Vac	V	5.17	5.17									PASS
Rated load output voltage/ 额定负载输出电压 (3.4 A) 4.75vdc - 5.25vdc	90Vac	V	4.97	4.99									PASS
	115Vac	V	4.97	4.99									PASS
	230Vac	V	4.97	4.99									PASS
	264Vac	V	4.97	4.99									PASS
Output ripple & noise voltage (Full load)/输出 纹波及噪 声电压(满载) ≤ 250mV	90Vac	mV	113	125									PASS
	115Vac	mV	88	102									PASS
	230Vac	mV	89	107									PASS
	264Vac	mV	91	106									PASS
Short-circuit protection test/短路保护测试	90Vac	W	7.27	7.32									PASS
	264Vac	W	5.54	9.56									PASS
Over current protection/ 过流保护点 ≤ 4.5 A)	90Vac	A	4.00	3.80									PASS
	264Vac	A	4.00	3.80									PASS
IC Vcc voltage test/ Vcc电压测试 (规格 ≤ 27V)	90Vac	V	19.20	19.20									PASS
	264Vac	V	19.10	19.10									PASS
Hi-pot test/介电强度	4242Vdc/5mA/ 1Minute		OK	OK									PASS
Appearance/外观	无刮伤,字迹清晰 无误		OK	OK									PASS
Mosfet(IC)/Vds耐压测试	264Vac	V	569	Mosfet规格	600	Derating ≤ 95% Max. Volt.	94.83%	PASS					
输出肖特基D/Vrr耐压测试	264Vac	V	33	Diode规格	40	Derating ≤ 90% Max. Volt.	82.50%	PASS					
变压器反馈绕组上所连接电 阻 (R)功率损耗(PD)	90Vac	P	-	R(功率)规格	-	Derating ≤ 65% Max Power	-	PASS					
	264Vac	P	-	R(功率)规格	-	Derating ≤ 65% Max Power	-	PASS					

E0-3-011 G/1

CEC/ERP 2 test/能效测试

MODEL NO./产品型号:

034H-050680-Z

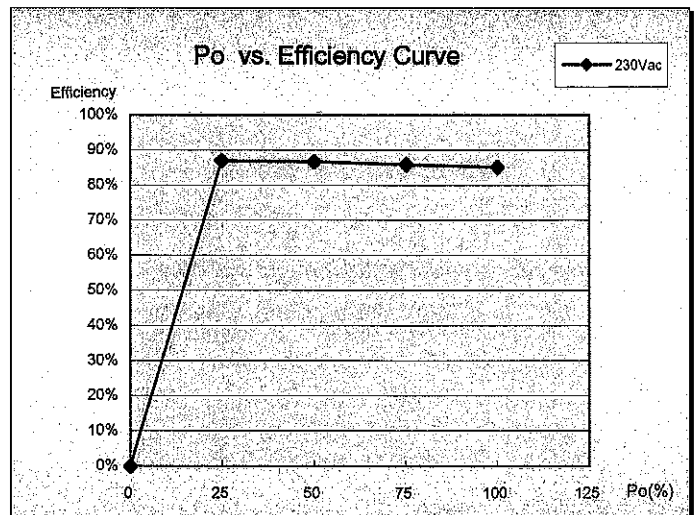
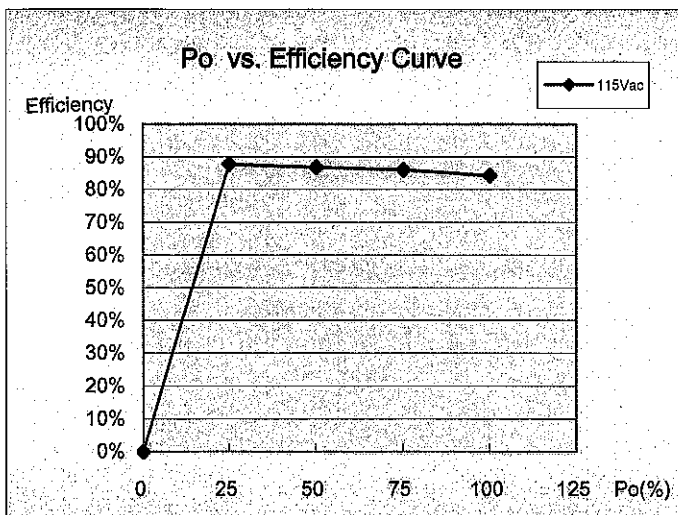
TEST BY/测试人: 李景扬

Environment : ● Ambient ○ High ○ Low : 25°C

Test Condition: Vac=115V/230V ,Load :0~100% step Load :25%

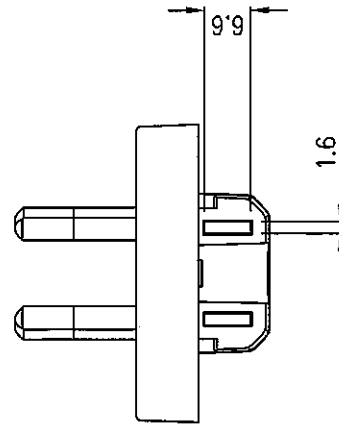
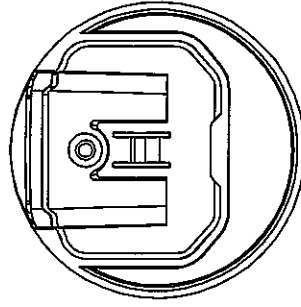
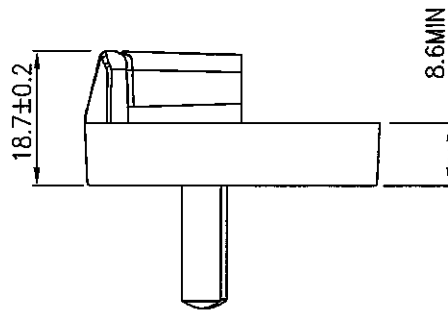
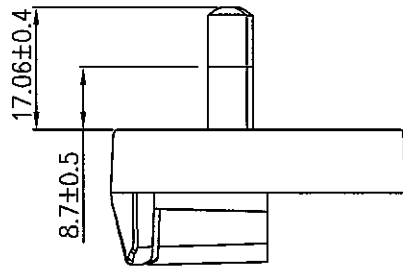
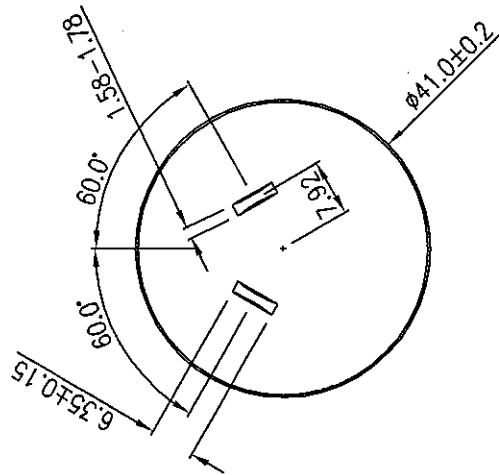
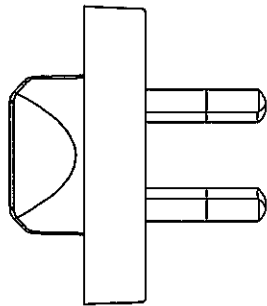
1 Vin: 115Vac/60Hz							
Load (%)	Vout(V)	Iout(A)	PF	Pin(w)	Po(w)	Efficiency	Result
0	5.17	0.000	---	0.094	0	0.00%	PASS
25	5.10	1.700	---	9.87	8.67	87.84%	---
50	5.03	3.400	---	19.67	17.102	86.94%	---
75	4.97	5.100	---	29.43	25.347	86.13%	---
100	4.90	6.800	---	39.51	33.32	84.33%	---
Po_typical (w)				34	Average 86.31% PASS		
					Spec. 84.42% V		

1 Vin: 230Vac/50Hz							
Load (%)	Vout(V)	Iout(A)	PF	Pin(w)	Po(w)	Efficiency	Result
0	5.17	0.000	---	0.131	0	0.00%	PASS
25	5.10	1.700	---	9.96	8.67	87.05%	---
50	5.03	3.400	---	19.7	17.102	86.81%	---
75	4.97	5.100	---	29.47	25.347	86.01%	---
100	4.90	6.800	---	39.08	33.32	85.26%	---
Po_typical (w)				34	Average 86.28% PASS		
					Spec. 84.42% V		



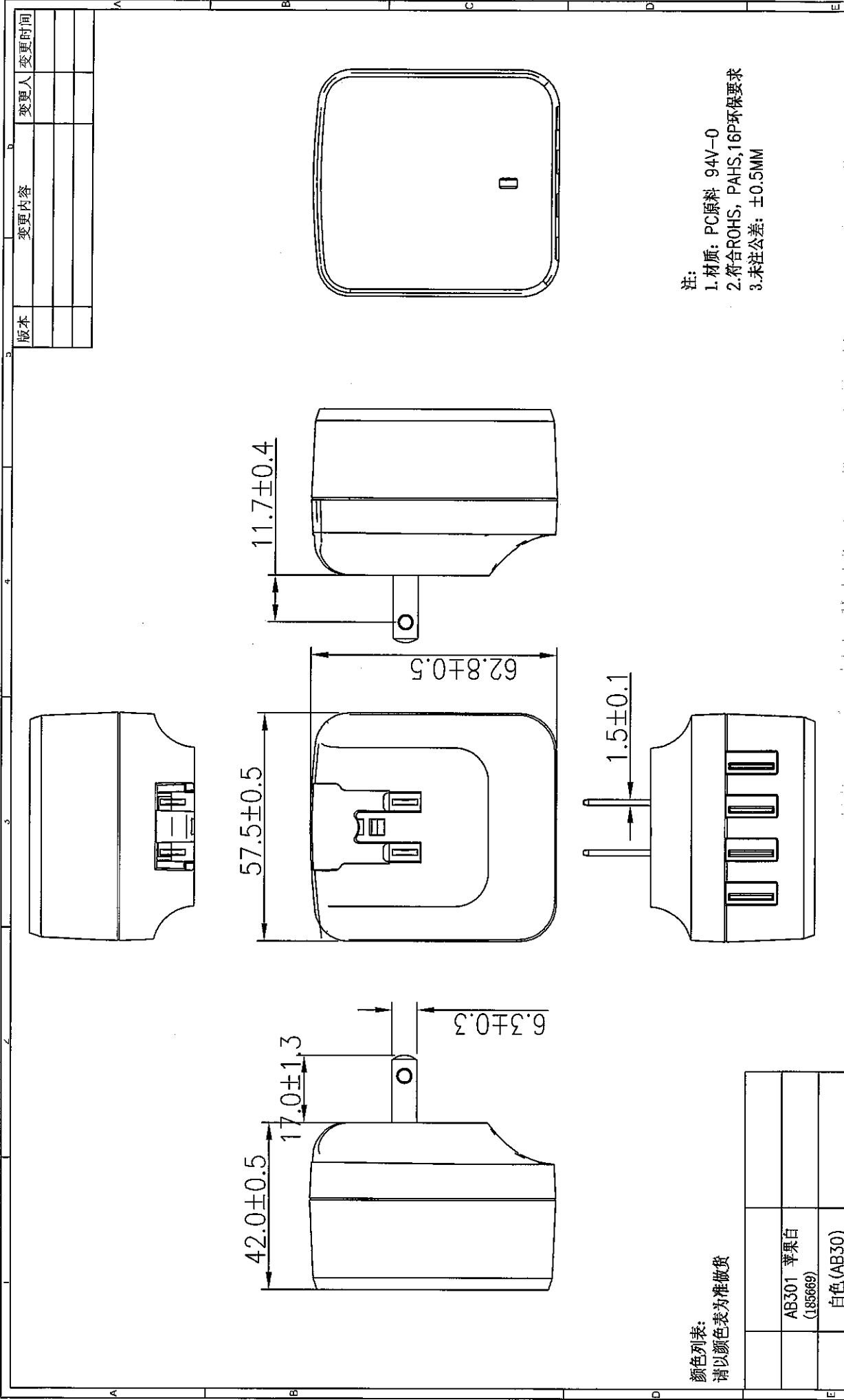
版本	变更内容	变更人	变更时间

注：
 1. 材质：PC原料 94V-0
 2. 符合ROHS, PAHS, 16P环保要求
 3. 需与主体实装配合合格
 4. 未注公差：±0.1MM
 5. 高光亮面



颜色列表：
 请以颜色表为准做货

	AB301 苹果白 (185669)	10-0161-SA02	
●	黑色PC原料	10-0161-SA01	
选择	颜色	料号	



颜色列表:
请以颜色表为准做货

	AB301 苹果白 (185669)	
	白色 (AB30)	
●	黑色	00-034H-UL01
选择	颜色	金盈半成品料号

版本	变更内容	变更人	变更时间