Test Report

Product : Furniture Power Distribution Units

Trade Name : BAYU

Model Number : Refer to the model lists on pages 6 and 7

Prepared for

DONGGUAN BAIYOU ELECTRONIC CO LTD

2F A Building, Wufeng Industrial, Jintan Road, Danwu Shijie Town, Dongguan, Guangdong

Prepared by

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TEST REPORT

Energy Efficiency Regulations
Energy Efficiency of External AC/DC and AC/AC Power Supplies

Report number.....:	CBT250425106CR
Tested by (name)	Eason Liu
Compiled by (name)	Jacky Liu
Approved by (name)	Nico Zou
Date of issue.....:	Apr. 15, 2025
Total number of pages.....	50 pages
Testing Laboratory.....:	Shenzhen CABLETEK Compliance Laboratory Limited
Address.....:	East 02, 6th Floor, Building 3, Zhouteng Industrial Zone, Shanglilang Community, Nanwan Street, Longgang District, Shenzhen
Applicant's name.....:	DONGGUAN BAIYOU ELECTRONIC CO LTD
Address.....:	2F A Building, Wufeng Industrial, Jintan Road, Danwu Shijie Town, Dongguan, Guangdong
Test item description.....:	Furniture Power Distribution Units
Trademark.....:	BAYU
Manufacturer.....:	DONGGUAN BAIYOU ELECTRONIC CO LTD
Model/Type reference.....:	Refer to the model lists on pages 6 and 7
Ratings.....:	Input:125V~,12A, 60Hz, 1500W; USB-A Output: 5.0Vdc, 2.4A; USB-C Output: 5.0Vdc, 2.4A; USB-A+USB-C Output: 5.0Vdc, 2.4A (Total)
Test Result..... .....:	**PASS**

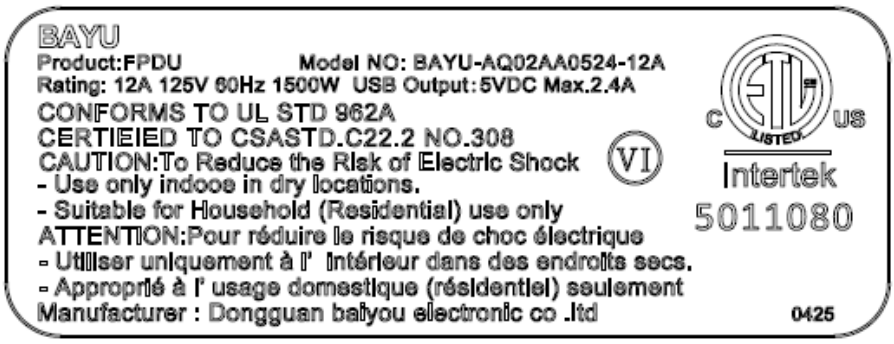
General disclaimer:

This report is only for applicant use. Any copying this report to/for any other person or entity, and use our name or trademark, is permitted only with our prior written permission. This report sets forth our findings solely with respect to the test samples identified herein. The results set forth in this report are not indicative or representative of the quality or characteristics of the lot from which a test sample was taken or any similar or identical product unless specifically and expressly noted. Our report includes all of the tests requested by you and the results thereof based upon the information that you provided to us. Unless specific mention, the uncertainty of measurement has been explicitly taken into account to declare the compliance or non-compliance to the specification.

Test specification:	
Standard .....:	☐ International Efficiency Marking Protocol for External Power Supplies, Version 3.0, September 2013 ☐ EU Energy-related Products (ErP) directive: COMMISSION REGULATION (EC) No 278/2009 – 6 April 2009 -implementing Directive 2005/32/EC (2009/125/EC, recast) of the European Parliament and of the Council with regard to ecodesign requirements for no-load condition electric power consumption and average active efficiency of External Power Supplies ☐ EU Code of Conduct on Energy Efficiency of External Power Supplies Version 5, 29 October 2013 (Level VI) ☒ California Energy Commission's Appliance Regulations (CEC-400-2017-002-CMF:Section 1601-1609 of Title 20 of the California Code of Regulations) dated January 2017 (Level VI) ☐ Appendix Z to Subpart B of 10 CFR Part 430 [Docket No. EE-2008-BT-STD-0005 and/or regulatory information number (RIN) 1904-AB57] (Level VI) ☐ Australian (GEMS) and New Zealand : AS/NZS4665.1-2005+A1:2009; AS/NZS4665.2-2005+A1:2009
Test procedure .....:	☐ US EPA "Test Method for Calculating the Energy Efficiency of Single-Voltage External AC-DC and AC-AC Power Supplies" dated August 11, 2004 ☒ External AC-DC and AC-AC power supplies. Determination of no-load power and average efficiency of active modes in accordance with EN 50563:2011+A1:2013 ☐ Measurement of low power modes in accordance with IEC 62301: 2011 and EN 50564: 2011

Copy of marking plate(s):

The artwork below may be only a draft. The use of certification marks on a product must be authorized by the respective NCBs that own these marks.



Note: The hight of CE symbol ≥ 5.0mm; the hight of WEEE symbol ≥ 7.0mm.

Test item particulars.....:	
Classification of installation and use.....:	☒ Class I ☐ Class II
Supply Connection.....:	☐ Direct plug in ☐ Detachable power supply cord ☒ Non-detachable power supply cord
Product Type.....:	External AC/DC Power Supply (EPS)
Type of power supply.....:	☒ Single-voltage EPS ☐ Multiple-voltage EPS
Nameplate output power (Po) .....:	☐ Less than or equal to 10W ☒ Greater than 10W
Category.....:	☐ Basic Voltage EPS ☒ Low Voltage EPS
Operation mode.....:	☒ Direct Operation ☐ Indirect Operation
Output cord length .....:	N/A
Output cord cross-sectional areas.....:	N/A
Built-in switch .....:	Not present
UUT supplied product .....:	Information technology equipment including electrical business equipment
Definition of Load.....:	☒ Electronic Load ☐ Resistive Load
Mass of equipment (kg) .....:	Approximately 0.290kg
Name and address of factory (ies).....:	DONGGUAN BAIYOU ELECTRONIC CO LTD 2F A Building, Wufeng Industrial, Jintan Road, Danwu Shijie Town, Dongguan, Guangdong
Testing location:.....:	East 02, 6th Floor, Building 3, Zhouteng Industrial Zone, Shanglilang Community, Nanwan Street, Longgang District, Shenzhen
Possible test case verdicts:	
- test case does not apply to the test object:	N (Not Applicable)
- test object does meet the requirement.....:	P (Pass)
- test object does not meet the requirement:	F (Fail)
Testing.....:	
Date of receipt of test item.....:	Apr 08, 2025
Date (s) of performance of tests.....:	Apr 08, 2025 - Apr 15, 2025

Model List :

Model	
BAYU-AQ01AA0524-12A	BAYU-AQ01AA0524-15A
BAYU-AQ01AA0524-12A-AC	BAYU-AQ01AA0524-15A-AC
BAYU-AQ01AA0524-12A-DC	BAYU-AQ01AA0524-15A-DC
BAYU-AQ01AA0524-12A-USB	BAYU-AQ01AA0524-15A-USB
BAYU-AQ02AA0524-12A	BAYU-AQ02AA0524-15A
BAYU-AQ02AA0524-12A-AC	BAYU-AQ02AA0524-15A-AC
BAYU-AQ02AA0524-12A-DC	BAYU-AQ02AA0524-15A-DC
BAYU-AQ02AA0524-12A-USB	BAYU-AQ02AA0524-15A-USB
BAYU-AQ02AA0524-12A-K	BAYU-AQ02AA0524-15A-K
BAYU-AQ02AA0524-12A-K-AC	BAYU-AQ02AA0524-15A-K-AC
BAYU-AQ02AAC0524-12A-K-DC	BAYU-AQ02AA0524-15A-K-DC
BAYU-AQ02AA0524-12A-K-USB	BAYU-AQ02AA0524-15A-K-USB
BAYU-AQ03AA0524-12A	BAYU-AQ03AA0524-15A
BAYU-AQ03AA0524-12A-AC	BAYU-AQ03AA0524-15A-AC
BAYU-AQ03AA0524-12A-DC	BAYU-AQ03AA0524-15A-DC
BAYU-AQ03AA0524-12A-USB	BAYU-AQ03AA0524-15A-USB
BAYU-AQ04AA0524-12A-K	BAYU-AQ04AA0524-15A-K
BAYU-AQ04AA0524-12A-K-AC	BAYU-AQ04AA0524-15A-K-AC
BAYU-AQ04AA0524-12A-K-DC	BAYU-AQ04AA0524-15A-K-DC
BAYU-AQ04AA0524-12A-K-USB	BAYU-AQ04AA0524-15A-K-USB
BAYU-AQ05AA0524-12A-K	BAYU-AQ05AA0524-15A-K
BAYU-AQ05AA0524-12A-K-AC	BAYU-AQ05AA0524-15A-K-AC
BAYU-AQ05AA0524-12A-K-DC	BAYU-AQ05AA0524-15A-K-DC
BAYU-AQ05AA0524-12A-K-USB	BAYU-AQ05AA0524-15A-K-USB
BAYU-AQ06AA0524-12A-K	BAYU-AQ06AA0524-15A-K
BAYU-AQ06AA0524-12A-K-AC	BAYU-AQ06AA0524-15A-K-AC
BAYU-AQ06AA0524-12A-K-DC	BAYU-AQ06AA0524-15A-K-DC
BAYU-AQ06AA0524-12A-K-USB	BAYU-AQ06AA0524-15A-K-USB
BAYU-AS02AA0524-12A	BAYU-AS02AA0524-15A
BAYU-AS02AA0524-12A-AC	BAYU-AS02AA0524-15A-AC
BAYU-AS02AA0524-12A-DC	BAYU-AS02AA0524-15A-DC
BAYU-AS02AA0524-12A-USB	BAYU-AS02AA0524-15A-USB
BAYU-AQ01AC0524-12A	BAYU-AQ01AC0524-15A
BAYU-AQ01AC0524-12A-AC	BAYU-AQ01AC0524-15A-AC
BAYU-AQ01AC0524-12A-DC	BAYU-AQ01AC0524-15A-DC
BAYU-AQ01AC0524-12A-USB	BAYU-AQ01AC0524-15A-USB
BAYU-AQ02AC0524-12A	BAYU-AQ02AC0524-15A
BAYU-AQ02AC0524-12A-AC	BAYU-AQ02AC0524-15A-AC
BAYU-AQ02AC0524-12A-DC	BAYU-AQ02AC0524-15A-DC
BAYU-AQ02AC0524-12A-USB	BAYU-AQ02AC0524-15A-USB
BAYU-AQ02AC0524-12A-K	BAYU-AQ02AC0524-15A-K

BAYU-AQ02AC0524-12A-K-AC	BAYU-AQ02AC0524-15A-K-AC
BAYU-AQ02AC0524-12A-K-DC	BAYU-AQ02AC0524-15A-K-DC
BAYU-AQ02AC0524-12A-K-USB	BAYU-AQ02AC0524-15A-K-USB
BAYU-AQ03AC0524-12A	BAYU-AQ03AC0524-15A
BAYU-AQ03AC0524-12A-AC	BAYU-AQ03AC0524-15A-AC
BAYU-AQ03AC0524-12A-DC	BAYU-AQ03AC0524-15A-DC
BAYU-AQ03AC0524-12A-USB	BAYU-AQ03AC0524-15A-USB
BAYU-AQ04AC0524-12A-K	BAYU-AQ04AC0524-15A-K
BAYU-AQ04AC0524-12A-K-AC	BAYU-AQ04AC0524-15A-K-AC
BAYU-AQ04AC0524-12A-K-DC	BAYU-AQ04AC0524-15A-K-DC
BAYU-AQ04AC0524-12A-K-USB	BAYU-AQ04AC0524-15A-K-USB
BAYU-AQ05AC0524-12A-K	BAYU-AQ05AC0524-15A-K
BAYU-AQ05AC0524-12A-K-AC	BAYU-AQ05AC0524-15A-K-AC
BAYU-AQ05AC0524-12A-K-DC	BAYU-AQ05AC0524-15A-K-DC
BAYU-AQ05AC0524-12A-K-USB	BAYU-AQ05AC0524-15A-K-USB
BAYU-AQ06AC0524-12A-K	BAYU-AQ06AC0524-15A-K
BAYU-AQ06AC0524-12A-K-AC	BAYU-AQ06AC0524-15A-K-AC
BAYU-AQ06AC0524-12A-K-DC	BAYU-AQ06AC0524-15A-K-DC
BAYU-AQ06AC0524-12A-K-USB	BAYU-AQ06AC0524-15A-K-USB
BAYU-AS02AC0524-12A	BAYU-AS02AC0524-15A
BAYU-AS02AC0524-12A-AC	BAYU-AS02AC0524-15A-AC
BAYU-AS02AC0524-12A-DC	BAYU-AS02AC0524-15A-DC
BAYU-AS02AC0524-12A-USB	BAYU-AS02AC0524-15A-USB

Definitions

(1) UUT: Unit under test which in this case refers to the power supply sample being tested.

(2) Active mode: A condition in which the input of a power supply is connected to the line voltage ac and the output is connected to an ac or dc load, drawing a fraction of the power supply's nameplate output power.

(3) Active mode efficiency: The ratio which is expressed as a percentage, of the total active output power (ac or dc) produced by a power supply to the active input power (ac) required to produce the total active output power.

(4) Ambient temperature: The temperature which is the air immediately surrounding the Unit under test (UUT).

(5) Average Active-Mode Efficiency: The average of the loading conditions (100%, 75%, 50%, and 25% of its nameplate output current) for which it can sustain the output current.

(6) Power Factor (True), PF: The true power factor is the ratio of the active or real power (P) consumed in watts to the apparent power (S), drawn in volt-amperes (VA).

(7) Nameplate output current: The current output of the power supply as specified by the manufacturer on the label on the housing of the power supply, if absent from the housing, as provided by the manufacturer. This is also called rated output current. Alternatively, it is the nameplate output power divided by nameplate output voltage.

(8) Nameplate output power: The power output of the power supply as specified on the manufacturer's label on the power supply housing or, if absent from the housing, as specified in documentation provided by the manufacturer, or calculated by multiplying the nameplate output voltage by the nameplate output current (V•A).

(9) Nameplate Output Voltage: The voltage output of the power supply as specified by the manufacturer on the label on the housing of the power supply (either dc or ac). This is also called rated output voltage.

(10) No load: A condition in which the input of a power supply is connected to the ac reference source, where the output of the power supply is not connected to a product or any other load.

(11) No-load power: The wattage of active power (ac) consumed by a power supply operating in the no-load condition.

(12) Basic-Voltage external power supply: An external power supply is not a low-voltage external power supply.

(13) Low voltage external power supply: An external power supply with a nameplate output voltage of less than 6 volts and a nameplate output current greater than or equal to 550 milliamperes.

(14) Direct Operation external power supply: An external power supply can operate a consumer product that is not a battery charger without the assistance of a battery.

(15) Indirect Operation external power supply: An external power supply cannot operate a consumer product that is not a battery charger without the assistance of a battery.

Test environment:

The testing was carried out in a room that has an air speed close to the UUT of ≤ 0.5 m/s, and the ambient temperature was maintained at 23°C ± 5 °C throughout the test.

Test Voltage:

The input voltage was within the specified voltage ±1% and the specified frequency ±1%. The UUT was tested at rated supply as mentioned in Summary of testing. The input power source is capable of delivering at least 10 times the nameplate input power of the UUT. The THD of the supply voltage when supplying the UUT in the specified mode was not exceeding 2%, up to and including the 13th harmonic.

UUT preparation:

The UUT shall be operated at 100% of nameplate current output for at least 30 minutes immediately prior to conducting efficiency measurements.

All testing leads used in the test set-up were of large gauge and shortest possible length in order to avoid the introduction of errors in the testing process.

A total of 3 test specimens were tested as required by the regulations.

Test Procedure:

Monitor ac input power for a period of 5 minutes to assess the stability of the EUT. If the power level does not drift by more than 5% from the maximum value observed, the EUT can be considered stable and the measurements can be recorded at the end of the 5 minute period. Subsequent load conditions (see below) can then be measured under the same 5 minute stability guidelines.

If ac input power is not stable over a 5 minute period, connect the EUT to the metering equipment and select the mode to be measured. Monitor the power. Average power is determined using either the average power or accumulated energy approaches outlined below.

Average power approach: where the power meter can record a true average power over a user selected period, the period selected shall not be less than 5 min (except if there is an operating cycle – see below).

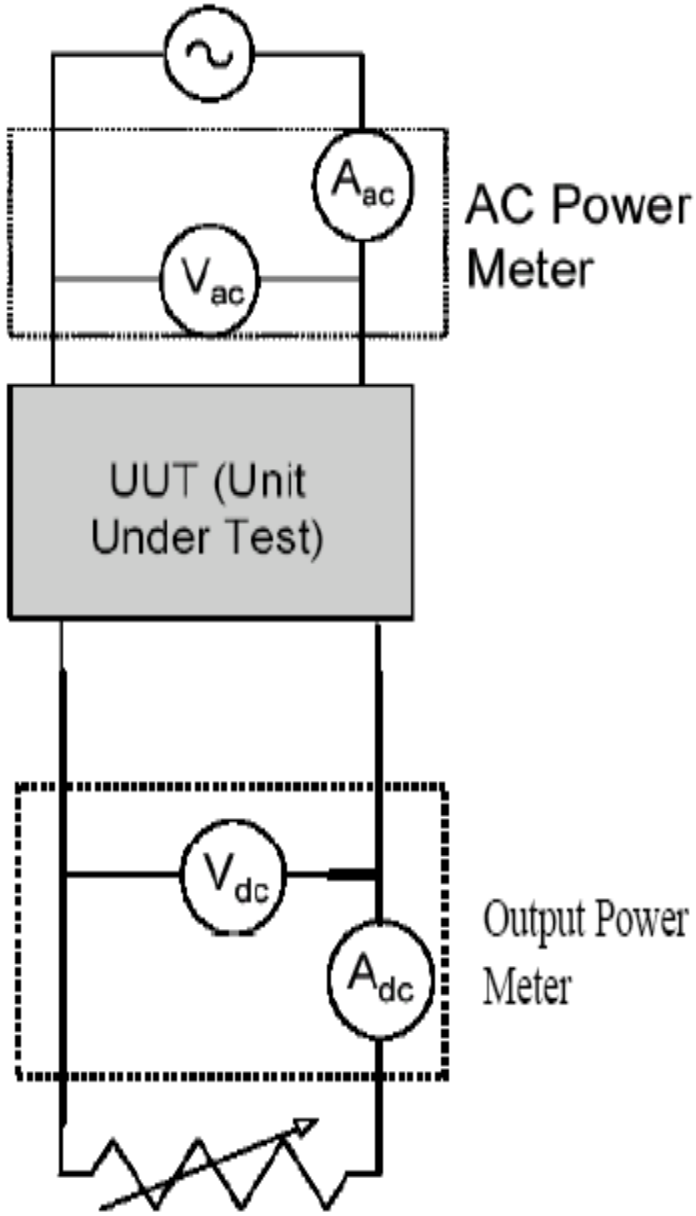
Accumulated energy approach: where the power meter can accumulate energy over a user selected period, the period selected shall not be less than 5 min (except if there is an operating cycle – see below). The integrating period shall be such that the total recorded value for energy and time is more than 200 times the resolution of the meter for energy and time. Determine the average power by dividing the accumulated energy by the time for the monitoring period.

If the power varies over a cycle (i.e. a regular sequence of power states that occur over several minutes or hours), the period selected to average power or accumulate energy shall be one or more complete cycles in order to get a representative average value.

Efficiency measurements shall be conducted in sequence from Load Condition 1 to Load Condition 5 as indicated in follow table:

Percentage of Nameplate Output Current	
Load Condition 1	100%±2%
Load Condition 2	75%±2%
Load Condition 3	50%±2%
Load Condition 4	25%±2%
Load Condition 5	0%

Generic Test Set-up drawing:



California Energy Commission's Appliance Regulations (CEC-400-2017-002-CMF: Section 1601-1609 of Title 20 of the California Code of Regulations) dated January 2017

Nameplate Output Power (P_{no})	Maximum Power in No-Load Mode		Nameplate Output Power (P_{no})	Minimum Average Efficiency in Active Mode
	AC-AC EPS	AC-DC EPS		
0 to ≤49W	≤0.210W	≤0.100W	0 to ≤1W	Basic Voltage: $\geq 0.5*P_{no}+0.16$
				Low Voltage: $\geq 0.517*P_{no}+0.087$
			>1 to ≤49W	Basic Voltage: $\geq 0.071*\ln(P_{no})-0.0014*P_{no}+0.67$
				Low Voltage: $\geq 0.0834*\ln(P_{no})-0.0014*P_{no}+0.609$
>49W to <250W	≤0.210W	≤0.210W	>49 to <250W	Basic Voltage: ≥0.880
				Low Voltage: ≥0.870
>250W	≤0.500W	≤0.500W	>250W	≥ 0.875

Remark:

(1) P_{no} is the Nameplate Output Power of the unit under test.

(2) "ln" refers to the natural logarithm.

(3) A low-voltage model is an EPS with nameplate output voltage of less than 6 volts and nameplate output current greater than or equal to 550 milliamperes. A basic-voltage model is an EPS that is not a low-voltage model.

Test Details

USB-C Output: 5.0Vdc, 2.4A

Sample 1#

	No Load	Load condition			
Percentage of nameplate current	0%	25%	50%	75%	100%
Output current (mA)	--	600	1200	1800	2400
Output voltage (V)	5.032	5.086	5.107	5.174	5.098
Output power (W)	--	3.052	6.128	9.313	12.235
AC input voltage (V)	115	115	115	115	115
AC supply frequency (Hz)	60	60	60	60	60
AC input power (W)	0.037	3.64	7.47	11.66	15.53
Total Harmonic distortion (THD)V%	0.562	0.749	0.984	1.165	1.291
True power factor (W/VA)	0.254	0.426	0.470	0.520	0.552
Power consumed by EUT (W)	0.037	0.588	1.342	2.347	3.295
Efficiency (%)	--	83.85	82.03	79.87	78.78
Average active efficiency (%)	--	81.13			

Sample 2#

	No Load	Load condition			
Percentage of nameplate current	0%	25%	50%	75%	100%
Output current (mA)	--	600	1200	1800	2400
Output voltage (V)	5.079	5.098	5.130	5.209	5.167
Output power (W)	--	3.059	6.156	9.376	12.401
AC input voltage (V)	115	115	115	115	115
AC supply frequency (Hz)	60	60	60	60	60
AC input power (W)	0.040	3.64	7.45	11.59	15.47
Total Harmonic distortion (THD)V%	0.591	0.714	1.009	1.178	1.262
True power factor (W/VA)	0.215	0.425	0.470	0.520	0.551
Power consumed by EUT (W)	0.040	0.581	1.294	2.214	3.069
Efficiency (%)	--	84.04	82.63	80.90	80.16
Average active efficiency (%)	--	81.93			

Sample 3#

	No Load	Load condition			
Percentage of nameplate current	0%	25%	50%	75%	100%
Output current (mA)	--	600	1200	1800	2400
Output voltage (V)	5.120	5.186	5.221	5.292	5.229
Output power (W)	--	3.112	6.265	9.526	12.550
AC input voltage (V)	115	115	115	115	115
AC supply frequency (Hz)	60	60	60	60	60
AC input power (W)	0.038	3.71	7.60	11.81	15.72
Total Harmonic distortion (THD)V%	0.531	0.757	0.953	1.072	1.191
True power factor (W/VA)	0.211	0.427	0.497	0.546	0.569
Power consumed by EUT (W)	0.038	0.598	1.335	2.284	3.170
Efficiency (%)	--	83.88	82.43	80.66	79.83
Average active efficiency (%)	--	81.70			

USB-A+ USB-C Output: 5.0Vdc, 2.4A (total)
Sample 1#

	No Load	Load condition			
Percentage of nameplate current	0%	25%	50%	75%	100%
USB-A Output: 5.0Vdc, 1.2A					
Output current (mA)	--	300	600	900	1200
Output voltage (V)	5.150	5.022	5.072	5.169	5.141
Output power (W)	--	1.507	3.043	4.652	6.169
USB-C Output: 5.0Vdc, 1.2A					
Output current (mA)	--	300	600	900	1200
Output voltage (V)	5.155	5.195	5.189	5.277	5.250
Output power (W)	--	1.559	3.113	4.749	6.300
AC input voltage (V)	115	115	115	115	115
AC supply frequency (Hz)	60	60	60	60	60
AC input power (W)	0.037	3.70	7.57	11.74	15.65
Total Harmonic distortion (THD)V%	0.583	0.762	1.011	1.084	1.207
True power factor (W/VA)	0.196	0.429	0.499	0.548	0.570
Power consumed by EUT (W)	0.037	0.635	1.413	2.339	3.181
Efficiency (%)	--	82.84	81.33	80.08	79.68
Average active efficiency (%)	--	80.98			

Sample 2#

	No Load	Load condition			
Percentage of nameplate current	0%	25%	50%	75%	100%
USB-A Output: 5.0Vdc, 1.2A					
Output current (mA)	--	300	600	900	1200
Output voltage (V)	5.147	5.118	5.169	5.234	5.211
Output power (W)	--	1.535	3.101	4.711	6.253
USB-C Output: 5.0Vdc, 1.2A					
Output current (mA)	--	300	600	900	1200
Output voltage (V)	5.152	5.212	5.254	5.337	5.294
Output power (W)	--	1.564	3.152	4.803	6.353
AC input voltage (V)	115	115	115	115	115
AC supply frequency (Hz)	60	60	60	60	60
AC input power (W)	0.040	3.71	7.57	11.75	15.64
Total Harmonic distortion (THD)V%	0.573	0.770	0.946	1.101	1.210
True power factor (W/VA)	0.198	0.429	0.498	0.547	0.569
Power consumed by EUT (W)	0.040	0.611	1.316	2.236	3.034
Efficiency (%)	--	83.53	82.61	80.97	80.60
Average active efficiency (%)	--	81.93			

Sample 3#

	No Load	Load condition			
Percentage of nameplate current	0%	25%	50%	75%	100%
USB-A Output: 5.0Vdc, 1.2A					
Output current (mA)	--	300	600	900	1200
Output voltage (V)	5.042	5.025	5.073	5.154	5.141
Output power (W)	--	1.508	3.044	4.639	6.169
USB-C Output: 5.0Vdc, 1.2A					
Output current (mA)	--	300	600	900	1200
Output voltage (V)	5.047	5.122	5.163	5.238	5.217
Output power (W)	--	1.537	3.098	4.714	6.260
AC input voltage (V)	115	115	115	115	115
AC supply frequency (Hz)	60	60	60	60	60
AC input power (W)	0.038	3.66	7.46	11.58	15.48
Total Harmonic distortion (THD)V%	0.582	0.762	1.021	1.147	1.268
True power factor (W/VA)	0.252	0.427	0.470	0.520	0.552

Power consumed by EUT (W)	0.038	0.616	1.318	2.227	3.050
Efficiency (%)	--	83.17	82.33	80.77	80.29
Average active efficiency (%)	--	81.64			

TEST AND CALCULATED RESULTS

	Model No.	Test at 115V, 60Hz	Efficiency Requirements: VI
No load power (W)	BAYU-AQ06AC0524-12A-K-USB (1#) USB-C Output: 5.0Vdc, 2.4A	0.037	≤0.10
No load power (W)	BAYU-AQ06AC0524-12A-K-USB (2#) USB-C Output: 5.0Vdc, 2.4A	0.040	≤0.10
No load power (W)	BAYU-AQ06AC0524-12A-K-USB (3#) USB-C Output: 5.0Vdc, 2.4A	0.038	≤0.10
No load power (W)	BAYU-AQ06AC0524-12A-K-USB (1#) USB-A+USB-C Output: 5.0Vdc, 2.4A	0.037	≤0.30
No load power (W)	BAYU-AQ06AC0524-12A-K-USB (2#) USB-A+USB-C Output: 5.0Vdc, 2.4A	0.040	≤0.30
No load power (W)	BAYU-AQ06AC0524-12A-K-USB (3#) USB-A+USB-C Output: 5.0Vdc, 2.4A	0.038	≤0.30
Average Efficiency (%)	BAYU-AQ06AC0524-12A-K-USB (1#) USB-C Output: 5.0Vdc, 2.4A	81.13	≥79.94
Average Efficiency (%)	BAYU-AQ06AC0524-12A-K-USB (2#) USB-C Output: 5.0Vdc, 2.4A	81.93	≥79.94
Average Efficiency (%)	BAYU-AQ06AC0524-12A-K-USB (3#) USB-C Output: 5.0Vdc, 2.4A	81.70	≥79.94
Average Efficiency (%)	BAYU-AQ06AC0524-12A-K-USB (1#) USB-A+USB-C Output: 5.0Vdc, 2.4A	80.98	≥74.74
Average Efficiency (%)	BAYU-AQ06AC0524-12A-K-USB (2#) USB-A+USB-C Output: 5.0Vdc,	81.93	≥74.74

	2.4A		
Average Efficiency (%)	BAYU-AQ06AC0524-12A-K-USB (3#) USB-A+USB-C Output: 5.0Vdc, 2.4A	81.64	≥74.74
Verdict	**---**	**PASS**	**--**

Limit for CEC (Level VI) requirement:
Minimum Efficiency Average active mod se efficiency limit greater than or equal to ≥ 0.0834 * ln(Pno) − 0.0014 * Pno + 0.609 = 79.94% for USB-C output: 5.0Vdc, 2.4A;

The no-load condition consumption shall not exceed ≤0.10W

Minimum Efficiency Average active mod se efficiency limit greater than or equal to ≥ 0.075 * ln(Pno) + 0.561 = 74.74% for USB-A+USB-C Output: 5.0Vdc, 2.4A ;

The no-load condition consumption shall not exceed ≤0.30W

General product information:

1. The submitted samples were found to comply with the above standard.
2. This test results relate only to the submit samples.
3. All models are same except for model name, Output ports type and enclosure shape.
4. Model BAYU-AQ06AC0524-12A-K-USB was selected for testing

Note: This report shall not be reproduced except for authorized by testing laboratory.

Attachment 1:Photo-documentation

Photo 1 External view for model BAYU- AQ01AA0524-12A; BAYU-AQ01AA0524-15A

Photo 2 External view for model BAYU-AQ01AA0524-12A-AC; BAYU-AQ01AA0524-15A-AC

Photo3 External view for model BAYU-AQ01AA0524-12A-DC; BAYU- AQ01AA0524-15A-DC

Photo 4 External view for model BAYU- AQ01AA0524-12A-USB; BAYU- AQ01AA0524-15A-USB

Photo 5 External view for model BAYU- AQ02AA0524-12A; BAYU- AQ02AA0524-15A

Photo 6 External view for model BAYU- AQ02AA0524-12A-AC; BAYU- AQ02AA0524-15A-AC

Photo 7 External view for model BAYU- AQ02AA0524-12A-DC; BAYU- AQ02AA0524-15A-DC

Photo 8 External view for model BAYU AQ02AA0524-12A-USB; BAYU- AQ02AA0524-15A-USB

Photo 9 External view for model BAYU- AQ02AA0524-12A-K; BAYU- AQ02AA0524-15A-K

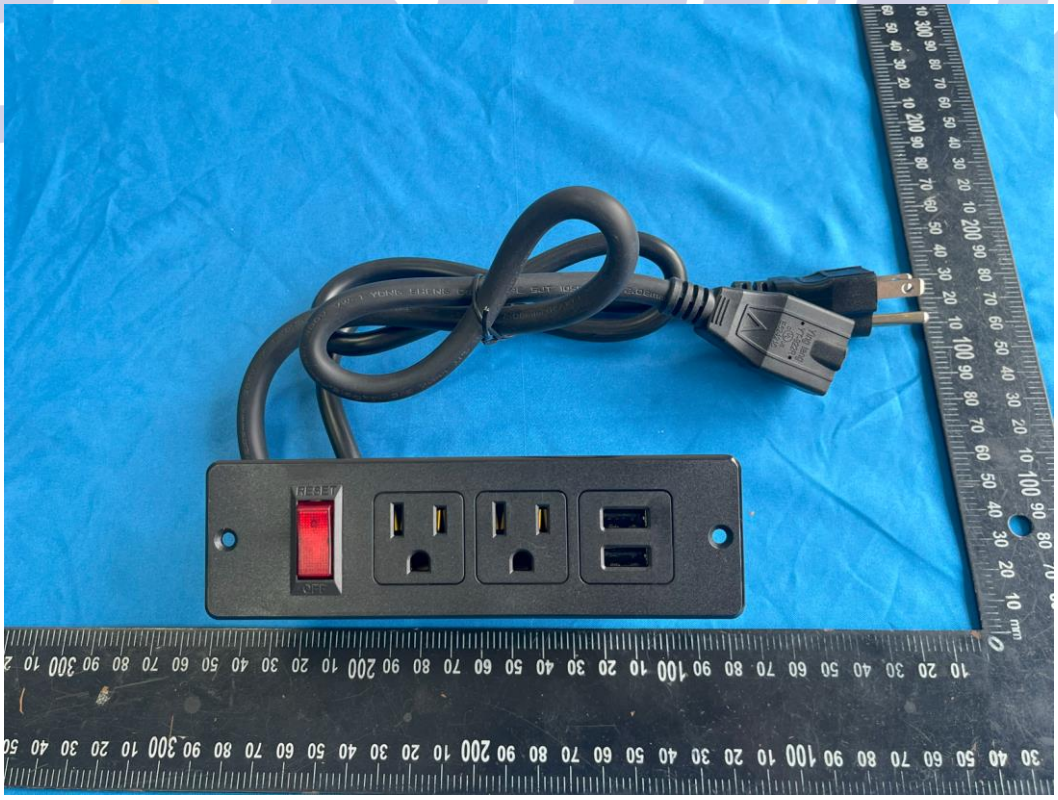


Photo 10 External view for model BAYU- AQ02AA0524-12A-K-AC; BAYU- AQ02AA0524-15A-K-AC

Photo 11 External view for model BAYU- AQ02AAC0524-12A-K-DC; BAYU- AQ02AA0524-15A-K-DC

Photo 12 External view for model BAYU-AQ02AA0524-12A-K-USB; BAYU- AQ02AA0524-15A-K-USB

Photo 13 External view for model BAYU- AQ03AA0524-12A; BAYU- AQ03AA0524-15A

Photo 14 External view for model BAYU- AQ03AA0524-12A-AC; BAYU- AQ03AA0524-15A-AC

Photo 15 External view for model BAYU- AQ03AA0524-12A-DC; BAYU- AQ03AA0524-15A-DC

Photo 16 External view for model BAYU-AQ03AA0524-12A-USB; BAYU-AQ03AA0524-15A-USB

Photo 17 External view for model BAYU- AQ04AA0524-12A-K; BAYU- AQ04AA0524-15A-K

Photo 18 External view for model BAYU- AQ04AA0524-12A-K-AC; BAYU- AQ04AA0524-15A-K-AC

Photo 19 External view for model BAYU- AQ04AA0524-12A-K-DC; BAYU- AQ04AA0524-15A-K-DC

Photo 20 External view for model BAYU-AQ04AA0524-12A-K-USB; BAYU- AQ04AA0524-15A-K-USB

Photo 21 External view for model BAYU- AQ05AA0524-12A-K; BAYU- AQ05AA0524-15A-K

Photo 22 External view for model BAYU- AQ05AA0524-12A-K-AC; BAYU- AQ05AA0524-15A-K-AC

Photo 23 External view for model BAYU- AQ05AA0524-12A-K-DC; BAYU- AQ05AA0524-15A-K-DC

Photo 24 External view for model BAYU- AQ05AA0524-12A-K-USB; BAYU- AQ05AA0524-15A-K-USB

Photo 25 External view for model BAYU- AQ06AA0524-12A-K; BAYU- AQ06AA0524-15A-K

Photo 26 External view for model BAYU- AQ06AA0524-12A-K-AC; BAYU- AQ06AA0524-15A-K-AC

Photo 27 External view for model BAYU-AQ06AA0524-12A-K-DC; BAYU- AQ06AA0524-15A-K-DC

Photo 28 External view for model BAYU-AQ06AA0524-12A-K-USB; BAYU-AQ06AA0524-15A-K-USB

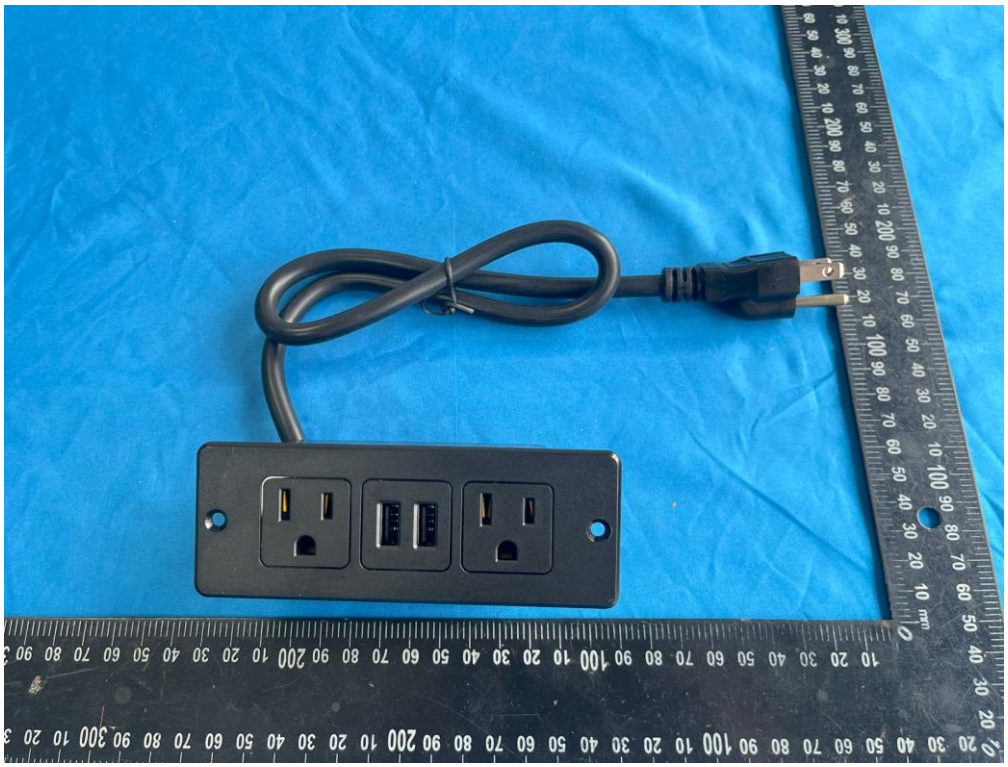


Photo 29 External view for model BAYU-AS02AA0524-12A; BAYU-AS02AA0524-15A

Photo 30 External view for model BAYU-AS02AA0524-12A-AC; BAYU-AS02AA0524-15A-AC

Photo 31 External view for model BAYU-AS02AA0524-12A-DC; BAYU-AS02AA0524-15A-DC

Photo 32 External view for model BAYU-AS02AA0524-12A-USB; BAYU-AS02AA0524-15A-USB

Photo 33 External view for model BAYU-AQ01AC0524-12A; BAYU-AQ01AC0524-15A

Photo 34 External view for model BAYU-AQ01AC0524-12A-AC; BAYU-AQ01AC0524-15A-AC

Photo 35 External view for model BAYU-AQ01AC0524-12A-DC; BAYU-AQ01AC0524-15A-DC

Photo 36 External view for model BAYU-AQ01AC0524-12A-USB; BAYU-AQ01AC0524-15A-USB

Photo 37 External view for model BAYU-AQ02AC0524-12A; BAYU-AQ02AC0524-15A

Photo 38 External view for model BAYU-AQ02AC0524-12A-AC; BAYU-AQ02AC0524-15A-AC

Photo 39 External view for model BAYU-AQ02AC0524-12A-DC; BAYU-AQ02AC0524-15A-DC

Photo 40 External view for model BAYU-AQ02AC0524-12A-USB; BAYU-AQ02AC0524-15A-USB

Photo 41 External view for model BAYU-AQ02AC0524-12A-K; BAYU-AQ02AC0524-15A-K

Photo 42 External view for model BAYU-AQ02AC0524-12A-K-AC; BAYU-AQ02AC0524-15A-K-AC

Photo 43 External view for model BAYU-AQ02AC0524-12A-K-DC; BAYU-AQ02AC0524-15A-K-DC

Photo 44 External view for model BAYU-AQ02AC0524-12A-K-USB; BAYU-AQ02AC0524-15A-K-USB

Photo 45 External view for model BAYU-AQ03AC0524-12A; BAYU-AQ03AC0524-15A

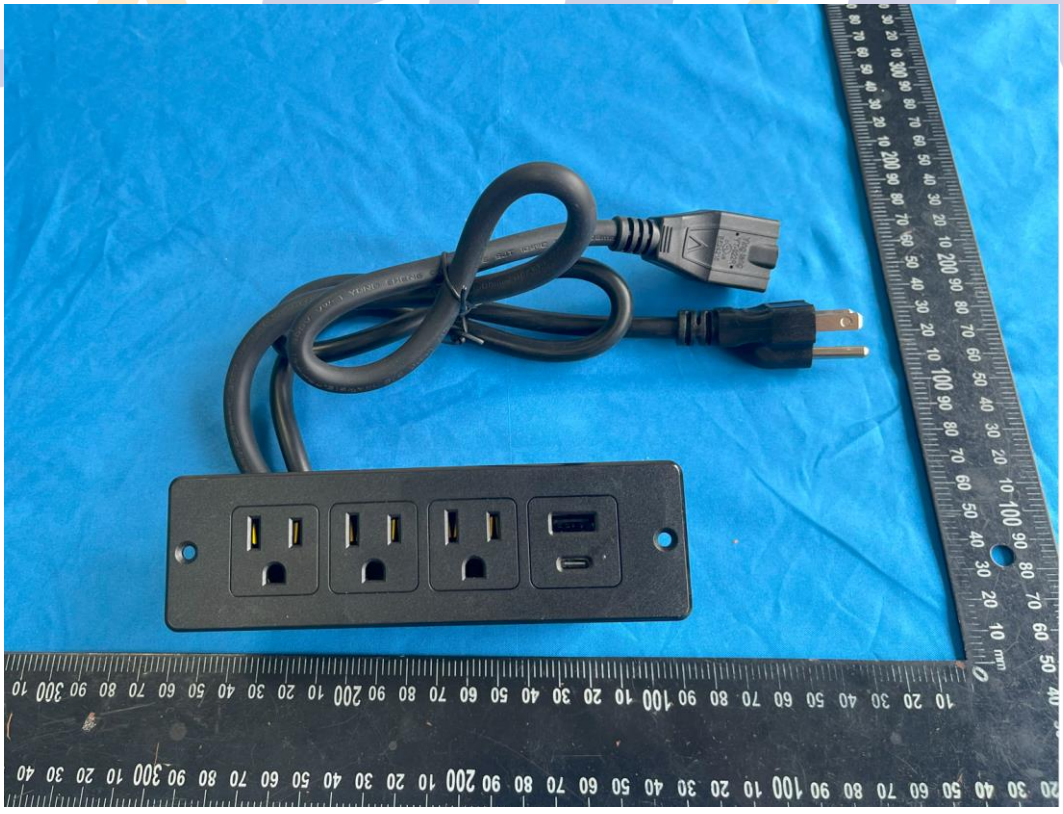


Photo 46 External view for model BAYU-AQ03AC0524-12A-AC; BAYU-AQ03AC0524-15A-AC

Photo 47 External view for model BAYU-AQ03AC0524-12A-DC; BAYU-AQ03AC0524-15A-DC

Photo 48 External view for model BAYU-AQ03AC0524-12A-USB; BAYU-AQ03AC0524-15A-USB

Photo 49 External view for model BAYU-AQ04AC0524-12A-K; BAYU-AQ04AC0524-15A-K

Photo 50 External view for model BAYU-AQ04AC0524-12A-K-AC; BAYU-AQ04AC0524-15A-K-AC

Photo 51 External view for model BAYU-AQ04AC0524-12A-K-DC; BAYU-AQ04AC0524-15A-K-DC

Photo 52 External view for model BAYU-AQ04AC0524-12A-K-USB; BAYU-AQ04AC0524-15A-K-USB

Photo 53 External view for model BAYU-AQ05AC0524-12A-K; BAYU-AQ05AC0524-15A-K

Photo 54 External view for model BAYU-AQ05AC0524-12A-K-AC; BAYU-AQ05AC0524-15A-K-AC

Photo 55 External view for model BAYU-AQ05AC0524-12A-K-DC; BAYU-AQ05AC0524-15A-K-DC

Photo 56 External view for model BAYU-AQ05AC0524-12A-K-USB; BAYU-AQ05AC0524-15A-K-USB

Photo 57 External view for model BAYU-AQ06AC0524-12A-K; BAYU-AQ06AC0524-15A-K

Photo 58 External view for model BAYU-AQ06AC0524-12A-K-AC; BAYU-AQ06AC0524-15A-K-AC

Photo 59 External view for model BAYU-AQ06AC0524-12A-K-DC; BAYU-AQ06AC0524-15A-K-DC

Photo 60 External view for model BAYU-AQ06AC0524-12A-K-USB; BAYU-AQ06AC0524-15A-K-USB

Photo 61 External view for model BAYU-AS02AC0524-12A; BAYU-AS02AC0524-15A

Photo 62 External view for model BAYU-AS02AC0524-12A-AC; BAYU-AS02AC0524-15A-AC

Photo 63 External view for model BAYU-AS02AC0524-12A-DC; BAYU-AS02AC0524-15A-DC

Photo 64 External view for model BAYU-AS02AC0524-12A-USB; BAYU-AS02AC0524-15A-USB

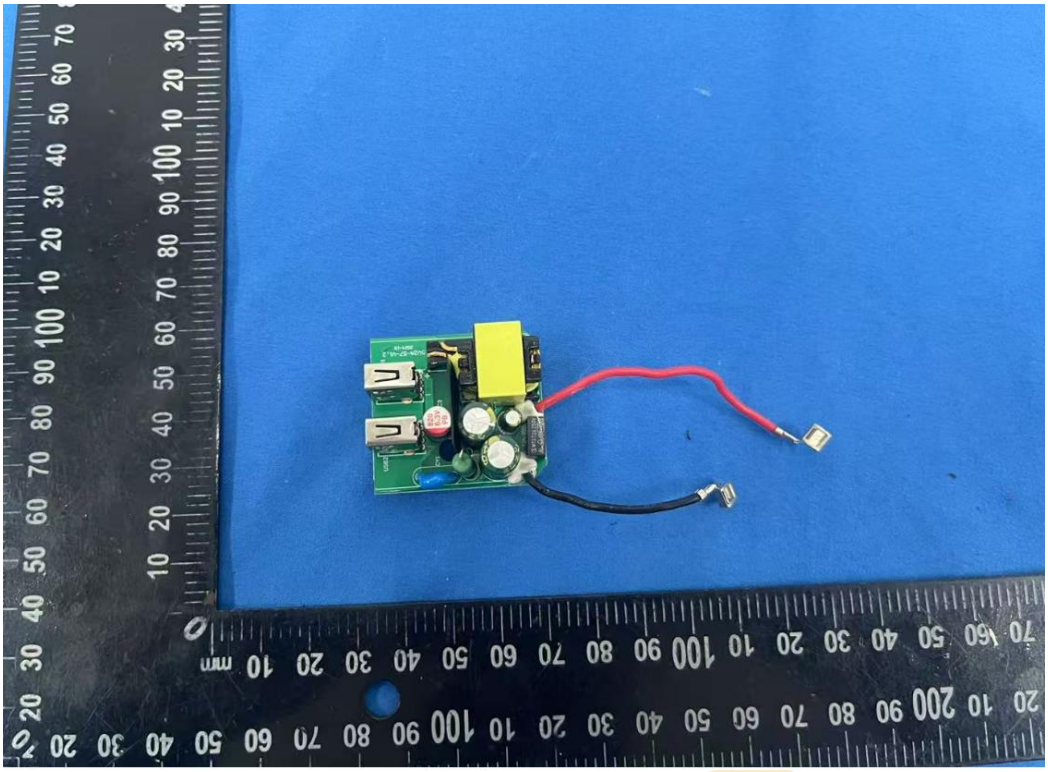


Photo 65　PCB Internal photos

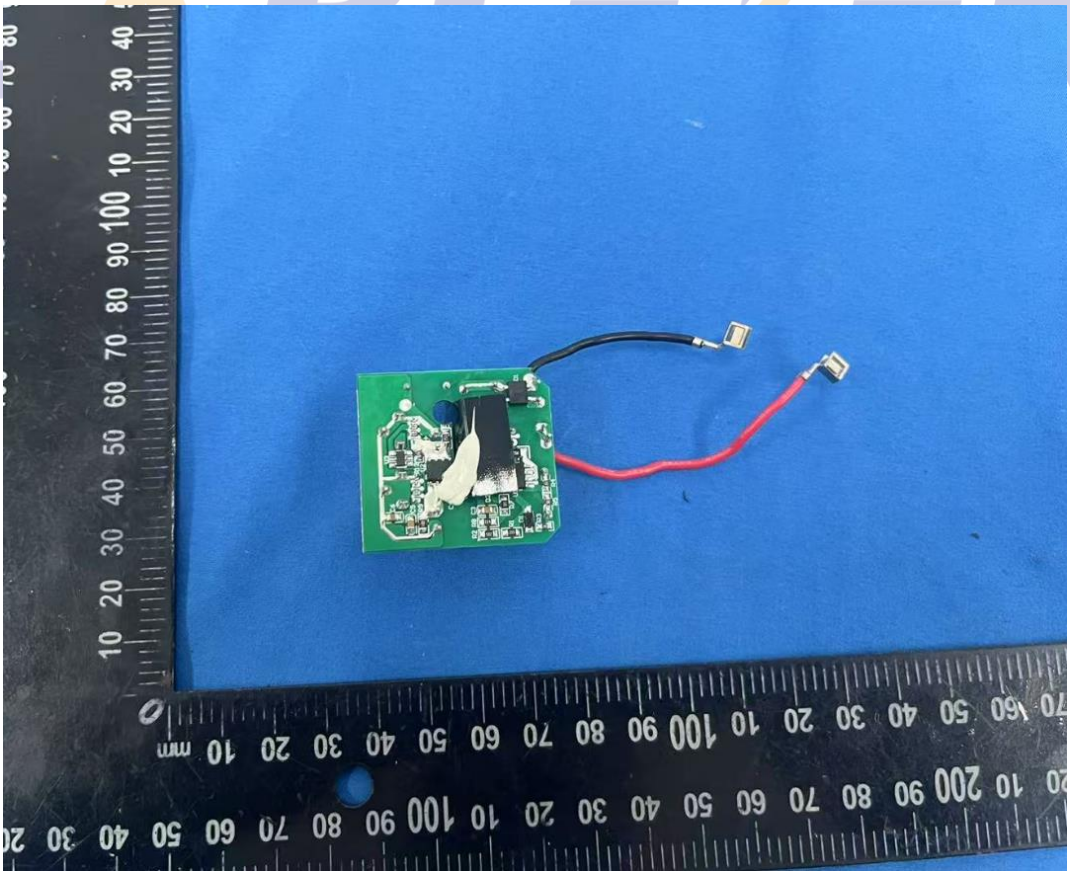


Photo 66　PCB Internal photos

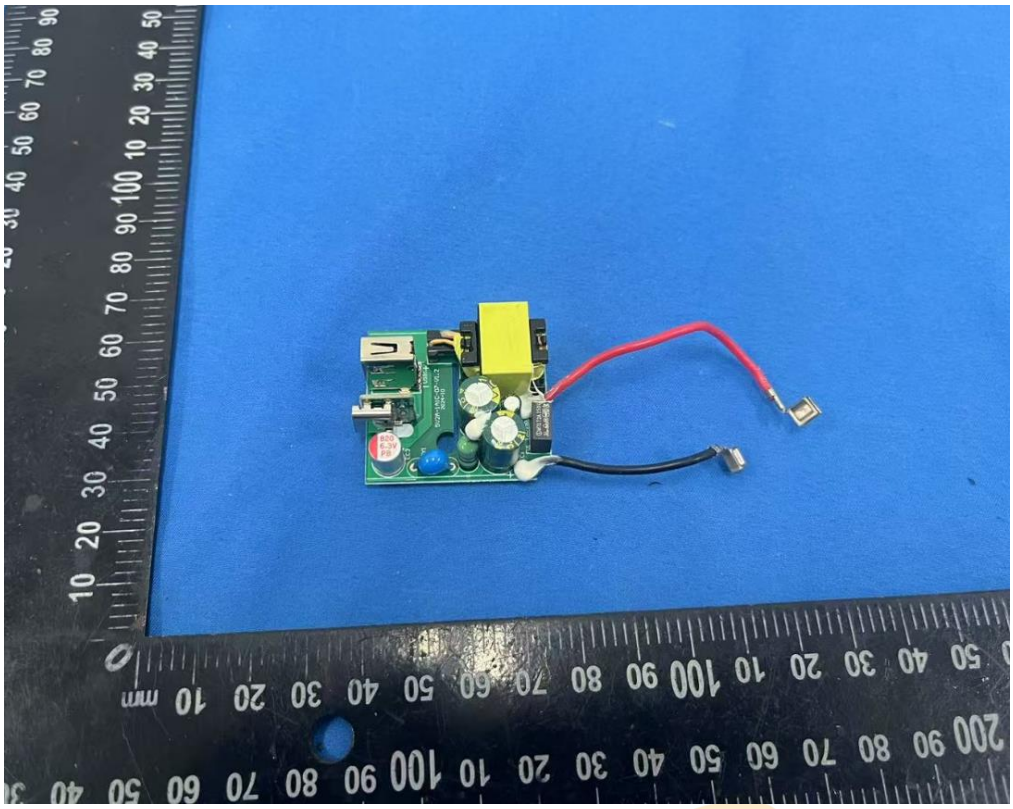


Photo 67　PCB Internal photos

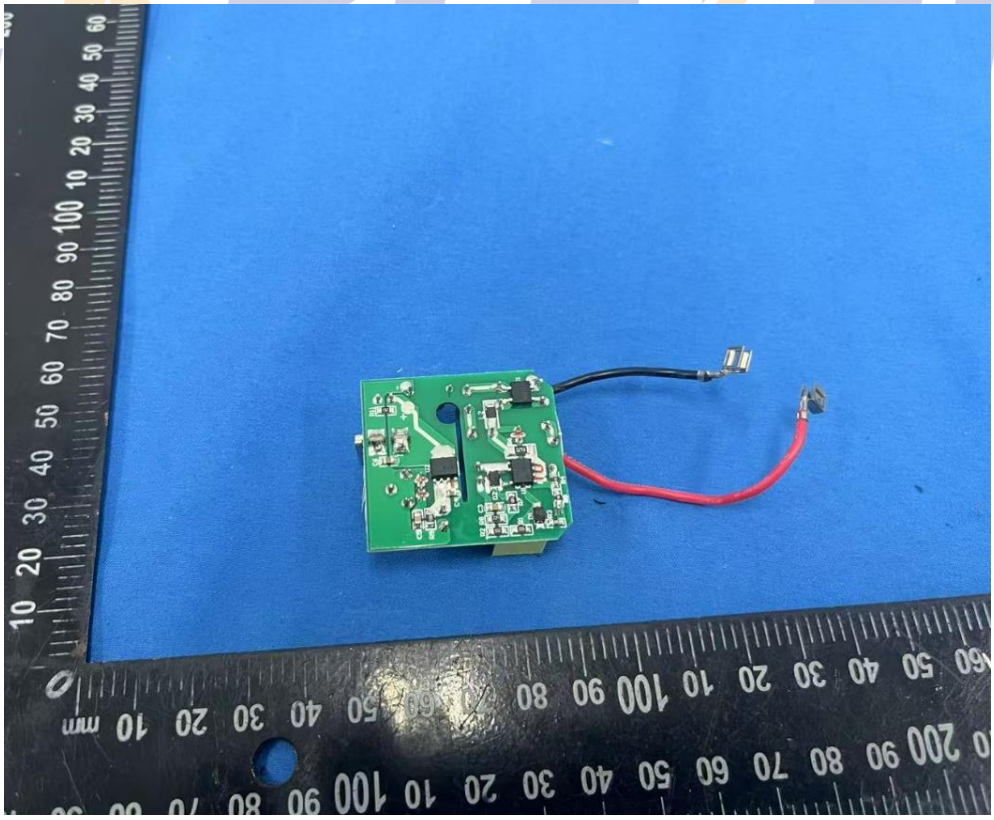


Photo 68　PCB Internal photos

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