FOLLOW-UP SERVICE
INSPECTION REPORT

Manufacturer:	Guangzhou Canlipu Technology Co., Ltd.
Order Number:	5032548
Date:	2-Apr-2025

545 East Algonquin Road
Arlington Heights, IL 60005
Telephone: +1 847 439 5667
Facsimile: +1 866 262 2753
www.intertek.com

ETL FOLLOW-UP SERVICE INSPECTION REPORT

Manufacturer: Guangzhou Canlipu Technology Co., Ltd. Page: 1 of 2

Factory Address: No 158 Dayu Road, Dongchong Town, Nansha Dist. GUANGZHOU Guangdong 511453, China Time of Arrival: 9:00 AM Departure: 1:00 PM

Date: 02/04/2025 *(Day / Month / Year)* ☐ 1Qtr ☑ 2Qtr ☐ 3Qtr ☐ 4Qtr ☑ IFA/IPI ☐ Other

Intertek Representative: Justin Liu Order Number: 5032548

Directions to Intertek Representative: Verify that products comply with all items specified in the Listing Report/CDR and production line tests and procedures specified are being conducted. All variations should be noted on F1, F2, and F3B and conveyed by email to the Regional Follow-up Service Center. Please write "Variance" on subject line of email.

THE FOLLOWING ITEMS WERE REVIEWED WITH THE MANUFACTURER:					
a. Is the use of listing label controlled?	☑ Yes	☐ No	f. Were changes, additions, options, accessories, etc. made to listed products?	☐ Yes	☑ No
b. Labeling Method: ☐ Separable Labels (supplied by Intertek) ☑ Direct Imprint (by Client) ☐ Both			g. Have changes occurred to the manufacturing process or quality system that affects listed products	☐ Yes	☑ No
c. Are product markings per Listing Report?	☑ Yes	☐ No	h. Were variations noted on the last inspection report?	☐ Yes	☑ No
d. Is production line testing required?	☑ Yes	☐ No	**If yes,** has the client responded?	☐ Yes	☐ No
If yes: Is testing being performed as required?	☑ Yes	☐ No	Have all variations been resolved? **If yes,** include details on F2.	☐ Yes	☐ No
Is equipment calibrated?	☑ Yes	☐ No	i. Has the procedure or records for customer complaints/field failures been reviewed?	☑ Yes	☐ No
Proper functionality of test equipment was verified/witnessed?	☑ Yes	☐ No	j. Were there any reports of product failures resulting in personal injury or property damage? **If yes,** include details on F2.	☐ Yes	☑ No
e. Qty of ETL labeled product shipped since last inspection: IFA			k. Have any products, approved for Intertek certification, been involved with a product recall or similar corrective action? **If yes,** include details on F2.	☐ Yes	☑ No

VARIANCES				
Number of variances found during this inspection: (explain on the F2)	0	Do any variances warrant a product hold?	☐ Yes	☐ No
Variations accepted per phone/email communication with:				
Variations NOT accepted per phone/email communication with:				
Labels removed by manufacturer?	☐ Yes	☐ No		

I acknowledge receipt of a copy of this inspection report issued by Intertek Testing Services NA Inc.

Factory Representative 's Signature	Date	Intertek Representative 's Signature
	02-Apr-2025	

Mr. Li Xiaoming
Factory Representative 's (printed name)

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ETL FOLLOW-UP SERVICE
INSPECTION REPORT

Manufacturer: Guangzhou Canlipu Technology Co., Ltd. Page 2 of 2

Listing Report No.: 2410B0599SHA-001 Issue/Rev. Date: 21/03/2025 Date: 2-Apr-2025

Product: NOVA BLAST ☐ 1Qtr ☑ 2Qtr ☐ 3Qtr ☐ 4Qtr ☑ IFA/IPI ☐ Other

Intertek Representative: Justin Liu Order No.: 5032548

VN	PAGE	ITEM	COMPLIES			COMMENTS
			YES	NO	N/A	
	1	Sec.1	☑	☐	☐	Name and address verified as description, no NC has been found.
	2	Sec.2	☑	☐	☐	Model: U2. Rated 120Vac 60Hz 600W
	3-19	Sec.3	☑	☐	☐	Photo pass
	20	1	☑	☐	☐	SJT 3x16AWG, VW-1, 105°C, 300V
		2	☑	☐	☐	10A, 250V~
		3-10	☑	☐	☐	
		11	☑	☐	☐	MP60A1
		12	☑	☐	☐	Rated 600V, 125°C
	21	13-23	☑	☐	☐	All pass
	22	Sec.5	☐	☐	☑	Unlisted component
	23	Sec.6	☑	☐	☐	All pass
	24	Sec.7	☑	☐	☐	All pass, marking attached below.
	25	Sec.8	☑	☐	☐	Summary pass
	26	Sec.9	☐	☐	☑	Multiple listing
	27-29	Sec.10-11	☑	☐	☐	Hi-pot test 1250Vac 1s, Grounding test 25A <0.1 Ohm
	30	Sec.12	☑	☐	☐	Revision
		Remark	☐	☐	☐	It's an engineering sample
			☐	☐	☐	Hi-pot tester 9300A, sn.100845666, calibration due date 2026-03-27
			☐	☐	☐	Grounding continuity tester RK2678SM, sn.BHAB-017, calibration due date 2026-03-27
			☐	☐	☐	
			☐	☐	☐	-Contact Person: Mr. Kevin Lu
			☐	☐	☐	Email: 519675071@qq.com
			☐	☐	☐	Tel: 13560441339
			☐	☐	☐	

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INITIAL FACTORY ASSESSMENT REPORT (IFA)

Each item below must be completed. State the reason if information is not available. If the question is Not Applicable, write N/A. Use additional pages for clarity if needed.

B&C: PIR inspection form must also be filled out	**Electrical:** F1/F2 inspection forms must also be filled out

Date:	2-Apr-2025	Time In:	9:00 AM	Time Out:	1:00 PM		
Qrt 1	☐	Qrt 2	☑	Qrt 3	☐	Qrt 4	☐

CLIENT INFORMATION:

Order Number:	5032548	Intertek Field Representative:	Justin Liu
Manufacturer:	Guangzhou Canlipu Technology Co., Ltd.		
Factory Address:	No 158 Dayu Road, Dongchong Town, Nansha Dist. GUANGZHOU Guangdong 511453, China		
Applicant (if different from Manufacturer):	HONGKONG UMEDIA LIMITED		
Product:	NOVA BLAST		
Intertek Listing Report Number(s):	2410B0599SHA-001		
Factory Representative:	Mr. Kevin Lu	Email Address:	519675071@qq.com
Phone Number:	13560441339	Fax Number:	N/A

MANUFACTURING LOCATION PERSONNEL PRESENT DURING THE IFA (INCLUDE NAME AND TITLE):

Mr. Kevin Lu	Product engineer
Mr. Li Xiaoming	General manager

ANTICIPATED PRODUCTION OF LISTED PRODUCTS:

Units per Year:		Units per Week:	
Units per Month:		Other Schedule:	N/A

1. QUALITY CONTROL/QUALITY ASSURANCE

a. Does the client use a Quality Control Manual/Factory Audit Manual?	Yes ☑	No ☐
If Yes, what is the QCM/FAM name, date, and revision?	CLP-QM-01, Rev. A/0, issue date 2024-01-05	

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If No, what method is used? (Checklist, Listing report, Order forms, etc.)
b. Manufacturing Facility Quality Representative (Name/Title): Mr. Kevin Lu / Product engineer
c. Are all component parts, materials, and sub-assemblies fabricated at this facility? Are they purchased from outside source or supplied by another location?
Describe: All components are purchase from outside suppliers

2. INSPECTION OF INCOMING MATERIALS AND COMPONENTS		
a. Does the client have a formal sampling or inspection plan for incoming materials (examples: MIL-1916, QC Manual, etc)? Describe: GB2828-2012, Level II	Yes ☑	No ☐
b. What is the acceptable Quality Level (%)?: Cri: 0.01, Maj: 1.0, Min 2.5		
c. How are accepted shipments/components handled? Describe the sequence of events:		
Marked by a QC pass green label and approved in storage		
d. How are rejected shipments/components handled? Describe the sequence of events:		
Marked by Red reject Label and put in dedicated Reject Area, then arrange to return to vender		
e. Are accepted (or unaccepted) incoming shipments/components marked?	Yes ☑	No ☐
If so, how are they marked or segregated? Accept component marked by Green label, reject by Red label. The reject material will segregated to reject area and waitng to further action by QC		
f. What is the method of inventory control for components/parts? Please explain. [For example FIFO (First In, First Out, JIT (Just In Time), etc.] FIFO		
g. Does the manufacturer use Certificates of Compliance from approved suppliers? (If yes, obtain a copy for reference)	Yes ☑	No ☐

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h. Does the Purchase Order reference an Engineering Document or Certificate of Compliance for control? (If so, obtain a copy for reference)	Yes ☑	No ☐

3. PRODUCTION LINE QUALITY CONTROL

a. Are Work Instruction/Descriptions used for each process?	Yes ☑	No ☐
b. Are adequate records of Production Line Test results maintained? (If so, obtain a copy for reference)	Yes ☑	No ☐
c. Are Production Line Test failures recorded?	Yes ☑	No ☐

d. Were Production Line Tests observed as required by the Intertek Listing report (where applicable)?	Yes ☑	No ☐	N/A ☐
If Yes, describe which test(s) was observed: Hi-pot test, Earth continuity test			
e. Are any Production Line Test(s), that are required by the Intertek Listing report, not being performed at this manufacturing location?		Yes ☐	No ☑
If Yes, explain and write this as a variance:			

f. List Production Test Line equipment with calibration schedule:	
Equipment:	Calibration due date:
Hi-pot tester 9300A, sn.100845666	2025/3/27
Grounding continuity tester RK2678SM	2025/3/27

g. Are personnel conducting test trained to do so and training records maintained?	Yes ☑	No ☐
h. Are there written test procedures near the test area for test personnel to reference?	Yes ☑	No ☐

i. How are units that have failed Production Line Tests segregated or identified?

Identify by red NG label

j. What is the method of disposition of rejected items?

Repair, there is a repair stage next production line

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k. Are rejected item records available for inspector review?	Yes ☑	No ☐
l. Are rejected item records considered adequate?	Yes ☑	No ☐
Comment, if any:		
m. What is the Corrective Action Cycle for resolving unit test failures? A quality alert will raised to production and quality dept., QE and PM will join to review the failure, a quality alert report reviewed during inspection. All repaired products will re-test and inspected.		

4. PRODUCTION PROCESS

a. Are units assembled on an assembly line or on an individual basis?	Assembly Line ☑	Individual Basis ☐
b. Briefly, list steps in assembling the listed product from components to assembly to labelling: Refer to attachment		
Component Parts: If a listed unit is in production, compare to the Listing Report and check components against those noted as being acceptable. Note any variances. If a unit is not in production, check the company's master parts list against the acceptable components within the Listing Report and/or check component parts in inventory. Note discrepancies as a variance on the Variance Form. Include discrepancies on F1/F2 or PIR as applicable.		
c. Does the client have a method of tracking all complaints from customers?	Yes ☑	No ☐
If No, a variance must be written. Describe existing method:		

5. INTERTEK ETL/WH LABELING

☐ Separable (supplied by Intertek - self-adhered/peel and stick/mechanically fastened/glued on)	☑ Direct Imprint (by Client - printed on packaging or product/stamped/embossed)
b. What controls are in place to regulate the proper use of labels or markings? The ETL label will controlled by applicant - The applicant will send the label to manufacture per their purchase order quan	

c. Has the manufacturer obtained ETL/WH label design approval?	Yes ☑	No ☐

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If Yes, obtain a copy of the approval for reference.
If No, the ATM will not be released until the Label design is approved by Intertek
Comment:

6. INTERTEK FIELD REPRESENTATIVE SUMMARY

IFA Comments:

This manufacture is maintains a quality system per ISO9001, procedures and records reviewed during inspection, generally, this manufacture has full prepared to ETL product production and quality control.

a. Do you, as the Intertek Field Representative, recommend that this location be approved for Authority To Mark (ATM) release? NOTE: If variances were found they must be resolved prior to the ATM release	Yes ☑	No ☐
If No, explain:		
b. Was the Authorization To Mark (ATM) left with the client? If yes, provide a copy of the dated and signed ATM with this inspection form.	Yes ☐	No ☑
c. Was an inspection report (F1/F2 or PIR) completed and left with the client	Yes ☑	No ☐

Inspected by:	Justin Liu	Date:	2-Apr-2025
Client's Name (printed)	Mr. Li Xiaoming		
Client's Signature:	李小明	Date:	2-Apr-2025

All non-compliance items should be discussed with the client. Include any suggested corrective measures in your report.

For Office Use Only

Reviewed by: _____ Date: _____

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Initial Factory Assessment and Product Inspection Check List

Order No. 5032548 Client Name: Guangzhou Canlipu Technology Co., Ltd.
Date Completed: 2-Apr-2025
E-mail completed form to Inspections Group at etl-rfc.usa@intertek.com.

Intertek Field Representative will please review the following items with the client prior to an Initial Factory Assessment. This should be done by phone when first contacting the client. Check off each item that applies, fill in the name of the client contact as well as the contact date, sign the check sheet, and return it with the IFA form.

1. **Y** Determine if the listed product is in production. If the product is not being produced, determine when it will be so your inspection can be scheduled accordingly. It is possible to perform an IFA if the client has all the required component parts available for inspection, or a sample from stock, but seeing units in production during the first inspection is preferred.

2. **Y** Confirm that the final production of the product is completed, and the ETL label is applied, at this facility (new Listing Reports do not always contain the correct manufacturing address.)

3. **Y** Does the client have the required production line test equipment as noted in the Listing Report? Confirm that the equipment is in current calibration and they can demonstrate their ability to perform the needed test.

4. **Y** Have they received the ETL Listing Mark that will be applied to the product? When will the client need to ship ETL listed product containing the Listing Mark? (Product may not be released from the factory with the Listing Mark applied until after successfully completing the IFA.) Discuss with client: ETL label may only be applied at site where follow-up service inspections are performed.

5. **Y** Does the client have a copy of the Listing Report and have they reviewed it for accuracy? If the manufacturer does not have a copy of the Listing Report, they should obtain one from the Applicant. **Intertek Field Representative MUST NOT give out copies of listing reports.**

Confirming points 1-5 will help determine if the client is ready for their IFA.

Items for Field Representative to respond to:

1. **Y** Did you explain to the client that Intertek's follow up service inspections are used to provide us with assurance that the client is using the authorized Intertek ETL certification mark properly? In order to maintain its ownership of the certification mark, Intertek is required to take these steps to police how its marks are used. Our inspection consists of periodic checks on the production process to assess whether the labels are applied as required by Intertek and access to the marks is controlled. In the event that Intertek discovers that the product as manufactured is not in conformity with Intertek's requirements, the client will be provided with notice.

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These inspections are not intended to replace the client ' s quality control system. Intertek does not manage or supervise the client ' s manufacturing process. Intertek is only at the manufacturing site periodically and will only examine limited samples from the client ' s production line for the purpose of checking proper mark usage. The client needs to have its own functioning quality control program. Intertek wishes to make clear that this responsibility for manufacturing and distributing a uniform and safe product remains with the client.

2 **Y** Did you explain to the client how future unannounced inspections will be conducted? Did the client have a list of personnel that may be contacted when you arrive for future unannounced inspections to allow you immediate access to the manufacturing facility?

3 **N/A** Are unlisted components required annually for retesting? If yes discuss with the client.

4 **N/A** Did you receive the Authorization to Mark (ATM) form with the IFA package?

5 **N/A** Did you clearly initial and date the Authorization to Mark (ATM) form; make a copy to return to Follow-up Service office with the IFA form; and leave the ATM(s) with the client at the conclusion of the IFA and fax to applicant as noted below?
*If the Applicant is different than the manufacturer please fax a copy of the ATM to the applicant. Record the name and fax number to which the ATM was sent.
Applicant Contact Name: _____
Fax _____
If ATM was not left with client, please state the reason the ATM form was not left and do not fax it to the applicant.: _____

Client Contact Name: Mr. Kevin Lu Date: 2-Apr-2025

Signature of Intertek Field Representative: Jonathan Lin

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ATTACHMENT

Only information required by Intertek CDR reports, in particular those mentioned in section 6.0 and/or 7.0, are checked during the inspection. Intertek takes NO responsibility for the appropriateness of other information provided by the manufacturer on the products/ labels.

QUALITY MANAGEMENT SYSTEM CERTIFICATION

Certificate No. 18624Q00178R0S

This is to certify that:

Guangzhou Canlipu Technology Co.,LTD.

Organization Code:91440101MA5CC1LT6N

Registered Address: No.158, Dayu Road, Dongyong Town, Nansha District,Guangzhou

Production and Office Address: No.158, Dayu Road, Dongyong Town, Nansha District,Guangzhou

Has been assessed and certified as meeting the requirements of:

GB/T19001-2016/ISO9001:2015 Standard

For the following activities:

Development and production of LCD televisions (export only)

(If the scope of the above involves the pre approval of administrative license, compulsory certification, this certificate covers only the license qualification, the scope of the certificate of products and services)
(To check the validity of the certificate,please visit the CNCA official website www.cnca.gov.cn .The certificate information is also available on www.gdzyc.com.cn)

Date of Initial Certification: Jun 14,2024

Issue Date: Jun 14,2024

Expiry Date: Jun 13,2027

Certificate inquiry

Official accounts

The first surveillance

The second surveillance

中国认可
国际互认
管理体系
MANAGEMENT SYSTEM
CNAS C186-M

General Manager : Haibing Huang

The certified organization shall regularly accept the supervision and pass the audit, this certificate is effective only when supervision and audit's label and qualified notice issued by the ZYC are combined used.

Guangdong ZhongYu Certification Co.,Ltd.

308 Block 4 No. 2 Keyan Road Guangzhou High-tech Industrial Development Zone. Guangdong. China.
Tel:020-82108519 Fax:020-38769599

No. ZYC21322335

广州市创利普电子科技有限公司

来料检验记录

报告编号：IQC/001

供应商	视锐	来料日期	2025.3.29	检验日期	2025.3.29
物料名称	主板	物料编号	1.004.01.000018	物料规格	—
来料数量	745pcs	抽样数量	80pcs	入仓数量	745pcs
抽样标准	GB2828-2012	允收/拒收			

检验内容

序号	检验项目	检验标准	检验结果	结果判定 OK	结果判定 NG
1	外观	按签样样板	符合要求	ok	
2	安规件	按签样样板及认证规格书	符合要求	ok	
3	性能测试		符合要求	ok	
4	元器件核对	按签样样板	符合要求	ok	

检验结果	☑ 合格 ☐ 不合格	通知有关部门	☐ 业务部 ☐ 质检部 ☐ 总经理	最终处理结果	☐ 全检 ☐ 特采 ☐ 退回供应商

检验：[illegible]　　批准：[illegible]

备注：

有关规定：
1. 任何有关生产用途之物料进厂，必须经由质检部抽验，合格及放行方可入仓。
2. 如因严重缺料而采用品质未符合检验标准的进料，则质检部必须通知有关部门。
3. 各物料供应商在受到品质检验报告通知退货时，必须在三天内收回退货，逾期若遇有损坏，恕不负责。

UL Product iQ™

AXUT2.E225980 - Attachment Plugs, Fuseless - Component

Attachment Plugs, Fuseless - Component

ZHE JIANG BEI ER JIA ELECTRONIC CO LTD E225980
No.228, Wei 15 Road, Economic Development Zone
YueQing
WenZhou, Zhejiang 325600 China

Investigated to ANSI/UL 60320-1

Appliance Inlet Connector "ST-A03 Series" Model(s) ST-A03-003C, ST-A03-003D

Appliance Inlet Connector "ST-A07 Series" Model(s) ST-A07-004A

Appliance Inlet Connector Model(s) ST-A01-001L, ST-A01-002L, ST-A01-002L2, ST-A01-002LB, ST-A01-002LT, ST-A01-002LTA, ST-A01-002LTC, ST-A01-003J, ST-A01-003J-T, ST-A01-003J1, ST-A01-003J2, ST-A01-003JC, ST-A01-003JD, ST-A01-003JE, ST-A01-003JK, ST-A01-003JL, ST-A01-003JTA, ST-A01-003K, ST-A01-003KT, ST-A01-005, ST-A01-005K, ST-A01-006J, ST-A01-006L, ST-A03-001, ST-A03-002, ST-A03-002G, ST-A03-003A, ST-A03-003B, ST-A03-004, ST-A03-005, ST-A03-006, ST-A03-007, ST-A03-007B, ST-A03-008A, ST-A03-008B, ST-A03-008C, ST-A03-008D, ST-A03-010, ST-A03-010A, ST-A04-001, ST-A04-001-LA, ST-A04-001-LB, ST-A04-001A, ST-A04-001A1, ST-A04-001A2, ST-A04-001A3, ST-A04-001A4, ST-A04-001JH, ST-A04-002, ST-A04-004, ST-A04-005A, ST-A06-001K, ST-A06-001L, ST-A08-001LA, ST-A08-002L, ST-A08-003K, ST-A08-006J, ST-A08-006L, ST-A09-001J, ST-A04-001L, ST-A08-001L

Marking: Company name or tradename "BEJ" or trademark  and model designation.

Last Updated on 2022-03-18

UL Product iQ®

Note: In the process of enhancing our systems, we are transitioning data to a new PiQ data view. This data is being verified with the "Historical" view for accuracy. Once the data is confirmed, the "Historical" view will be discontinued. During this transition, you may encounter duplicate entries or missing/outdated data. For queries during this interim period, please visit our Historical View FAQs or contact our Customer Service.

Flexible Cord

COMPANY

Tiantai Cable (Ningbo) Co., Ltd.
No 58, North Guangming Road, Simen Town
Yuyao, Zhejiang Sheng 315470 China

E512166

Decorative cord Type(s) SPT-1W

Jacketed cord Type(s) SJT, SJT-R, SJTO, SJTOO, SJTOOW, SJTOW, SJTW, ST, STO, STOO, STOOW, STOW, STW, SVT, SVTO, SVTOO

Parallel cord Type(s) NISPT-1, NISPT-2, SPT-1, SPT-1W, SPT-2, SPT-2-R, SPT-2W, SPT-3

Last Updated on 2024-01-03

承 认 书

客户：广州市创立普科技有限公司

品名：电源板

料号：R00101458

型号：MP60A1

机种：

日期：2025-04-01

供 应 商 签 核 SUPPLIER APPROVED SIGNATURES		
担 当 PREPARED by	审 查 CHECKED by	核 准 APPROVED by
李培赛	颜泽雄	崔志宏

供应商名称：深圳麦格米特电气股份有限公司

供应商地址：深圳市南山区高新区北区朗山路 13 号清华紫光科技园 5 层

供应商电话：(+86)0755-8660 0500

供应商传真：(+86)0755-8660 0999

SPECIFICATION
产品规格书

Revision: 1.0

Issued Date：2025-04-01

Model : MP60A1

Description: POWER SUPPLY

PREPARED BY 编写	CHECKED BY 审核	APPROVED BY 批准
李培赛	颜泽雄	崖志宏

深圳麦格米特电气股份有限公司

SHENZHEN MEGMEET ELECTRICAL CO., LTD

深圳市南山区科技园北区朗山路紫光信息港 **5** 楼

F5,Ziguang Information Harbor, Langshan Rd, North Area of Science & Technology Park, Shenzhen, China

Tel: (+86)0755-8660 0500 Fax: (+86)0755-8660 0999

E-mail: megmeet@megmeet.com; Web:www.megmeet.com

Revision History

修订履历

Revision 版本/次	Change Item (修改项次)	Date (修改日期)
1. 0	Initial Release (初版发行)	2025-04-01

Content 目录

1. Electrical Specification 电气规格

1.1 Table 1 Input Electrical Characteristics（输入特性）

Input voltage range 输入电压	AC90V to AC264V
Normal voltage range 标称输入	AC100V to AC240V
Frequency range 频率范围	(50Hz or 60Hz)±5%
Max input ac current 最大输入电流	Max. 2A at full load and AC90V input
Inrush current (cold start) 冷启浪涌电流	50A (TYP. peak) at 120Vac; 100A (TYP. peak) at 220Vac
Efficiency 效率	75%min at AC100V or AC240V input and full load
Harmonic current 谐波电流	NA
Touch Currents 接触电流	Less than 0.25mA （RMS）
Standby Power Consumption 待机功耗	≦0.5W at AC240V 50Hz input and +12V output current≤15mA
Input Fuse 输入保险	T3.15A 250V~

1.2 Output Electrical Characteristics（输出特性）

1.2.1 Table 2 Constant Voltage Output Specification（恒压输出规格）

Output Channel 输出通道	Output Rated Voltage 输出额定电压	Voltage Regulation 电压调整率	Min. current 最小电流	Rated current 额定电流	Peak current 峰值电流
+12V	+12V	±10%	0.01A	5.0A	5.5A

Note: The testing of peak current shall be performed under other dc output load rating and the peak current pulse width within 50ms conditions.峰值电流的测试条件是其它负载为额定负载时测试，且脉宽小于 50 毫秒。

1.2.2 Table 3 DC Output Ripple & Noise. （输出纹波和噪声）

Output Channel	Output Rated Voltage	Ripple & Noise (Peak-peak, 峰-峰值)	
		Ta:25℃	Normal Input and Full Load
+12V	+12V	200mV	

Note: Ripple & Noise test 纹波和噪声测试

1)the Bandwidth of oscilloscope is set to 20MHz.
示波器带宽设置在 20 兆赫兹。

2)Use a 0.1uF ceramic capacitor in parallel with a 10uF electrolytic capacitor at output connector terminals for ripple & noise measurements.
输出端并联一个 0.1uF 的陶瓷电容和一个 10uF 的电解电容来测试纹波和噪声。

1.2.3 Table 4 Dynamic Response Of Output. （输出动态响应）

Output Channel	Output Rated Voltage	Response Regulation of Output Voltage 输出电压响应调整率					
		Step Load 阶跃负载	Slew Rate	Frequency Rang	Step Load 阶跃负载	Slew Rate	Frequency Rang
		Min. to 50% or 50% to Max.	0.2A/us	50Hz~ 100Hz	Min. to Max.	0.2A/us	50Hz~ 100Hz
+12V	+12V	±10%			±10%		

1.2.4 Table 5 Hold-Up Time（输出保持时间）

Output Channel	Output Rated Voltage	Hold-Up Time			
		120Vac input	Full Load	220Vac input	Full Load
+12V	+12V	≥10 ms		≥10 ms	

1.2.5 Table 6 DC Output Overshoot During Turn-On/Off（输出超调）

Output Channel	Output Rated Voltage	Overshoot voltage(V)超调电压	
		Turn-on 开机	Turn-off 关机
+12V	+12V	≤10%	≤10%

Note: All of dc output current from Min. to Max. 测试时负载范围：最小到最大。

1.2.6 Table 78 DC Output Voltage Rise Time（输出上升时间）

Output Channel	Output Rated Voltage	Rise time	
		120Vac input and Full Load	220Vac input and Full Load
+12V	+12V	≤100 ms	≤100 ms

Note: The rise time measured is when the output voltages rise from10% to 90% of specified output voltage Vout observed on the channel waveform.
上升时间为输出电压从 10%上升到 90%的时间。

1.3 Protection（保护功能）

1.3.1 Table 8 DC Output Over Current Protection（输出过流保护）

Output Channel	Over Current	Comments
+12V	≥5.5A (TYP.)	Hiccup 保护后重启

Note: The over current protection should be tested at other load rating.
过流保护测试是在其它各路额定负载时测试。

1.3.2 Table 9 DC Output Short Circuit Protection（输出短路保护）

Output Channel	Comments
+12V	Hiccup 保护后重启

Note: The Short Circuit protection should be tested at other load rating.
短路保护测试是在其它各路额定负载时测试。

2. Safety （安全）

2.1 Standards（标准）

The power supply shall comply with the following Standards:
电源安全满足下列标准：

1) IEC/EN62368 IEC/EN62368-1
2) UL60065 UL60950-1
3) GB8898 GB4943.1

2.2 Precaution Class for protection against electric shock （防电击保护措施类别）

Class II

2.3 Insulation（绝缘性能）

2.3.1 Table 11 Insulation Resistance（绝缘阻抗）

Input To Output	≥10MΩ (with DC500V at room temperature)

2.3.2 Table 12 Dielectric strength（绝缘强度）

Input To Output	AC3000V 50Hz 1minute ≤10mA

3. EMC （电磁兼容性）

3.1 EMI （电磁干扰）

The power supply shall comply with the following Standards:
电源电磁干扰满足下列标准：

1) Conduction Emission : （传导干扰度）
*CISPR32
*EN55032
*GB13837 ,GB9254
*FCC PART 15B

2) Radiated Emission : （辐射干扰度）
*CISPR32
*EN55032
*GB13837 ,GB9254
*FCC PART 15B

Note：The power board should be assembled in customer product to test for passing the above criterion.需配合用户电路整机通过上述标准。

3.2 EMS （电磁抗扰）

The power supply shall comply with the following Standards:
电源电磁抗扰满足下列标准：

1) ESD （静电抗扰度）
*GB17626.2
*IEC/EN61000-4-2

2) EFT （脉冲群抗扰度）
*GB17626.4

*IEC/EN61000-4-4 2KV

3) SURGE （雷击浪涌）

*GB17626.5

*IEC/EN61000-4-5 1KV/2KV

4） DIP (电压跌落)

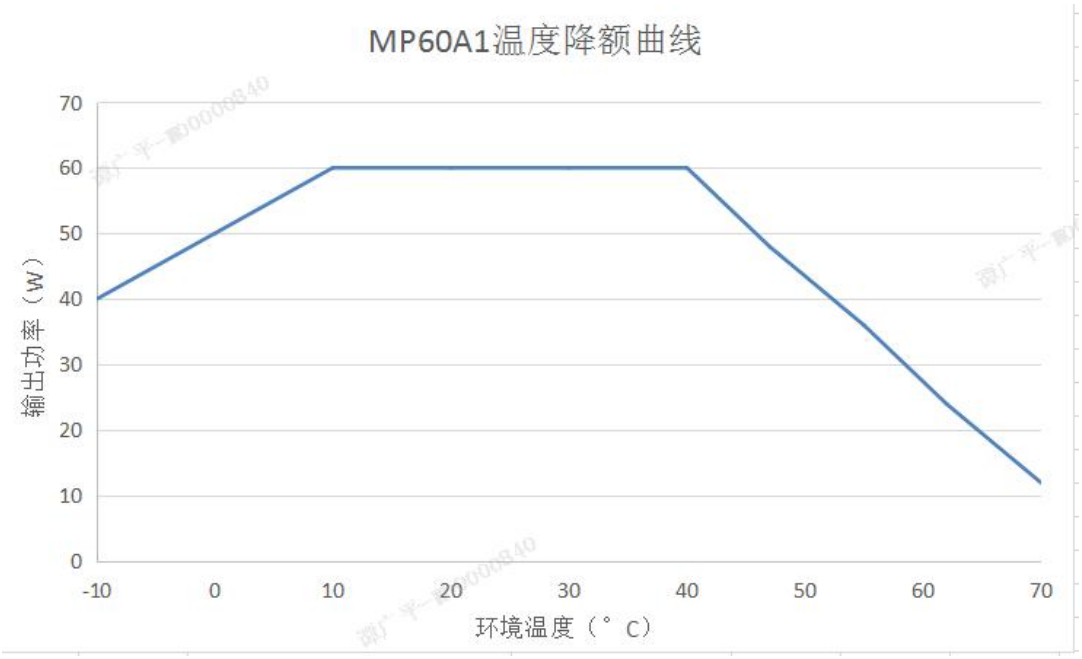
*GB17626.11

*IEC/EN61000-4-11

4. Environmental Requirement （工作环境）

4.1 Temperature （环境温度）

* Operating 工作温度: -10℃ to +70℃.
* Storage 存储温度: -20℃ to +80℃.



4.2 Humidity （环境湿度）

* Operating 工作: From 10%to90% relative humidity (non-condensing).
* Storage 存储: From 5% to95% relative humidity (non-condensing).

4.3 Altitude （海拔高度）

* Operating: Less than 5000m（适用于在海拔低于 5000 米条件下使用）
* Storage: Less than 5000m （适用于在海拔低于 5000 米条件下储存）

4.4 Climates （气候要求）

* For tropical climates（适用于热带气候）

4.5 Cooling Method （冷却方式）

* Ventilation cooling . 风道自然冷却

4.6 Vibration （振动耐受）

* 10-55Hz, 19.6m/s²(2G), 20minutes each along X, Y and Z axis.

4.7 Shock（冲击耐受）

* 49m/s²(5G),11ms, once each X, Y and Z axis.

5. Dimension （物理尺寸）

* 120mm X 73mm X 14mm(元件面高) (长 L *宽 W * 高 H).

6. Weight （重量）

TBD

7. Pin Connection (连接器脚位定义)

Table 13 CON1(2Pin)

NO.	Pin Connection	Function
①	L	AC INPUT LINE
②	N	AC INPUT NUTURE

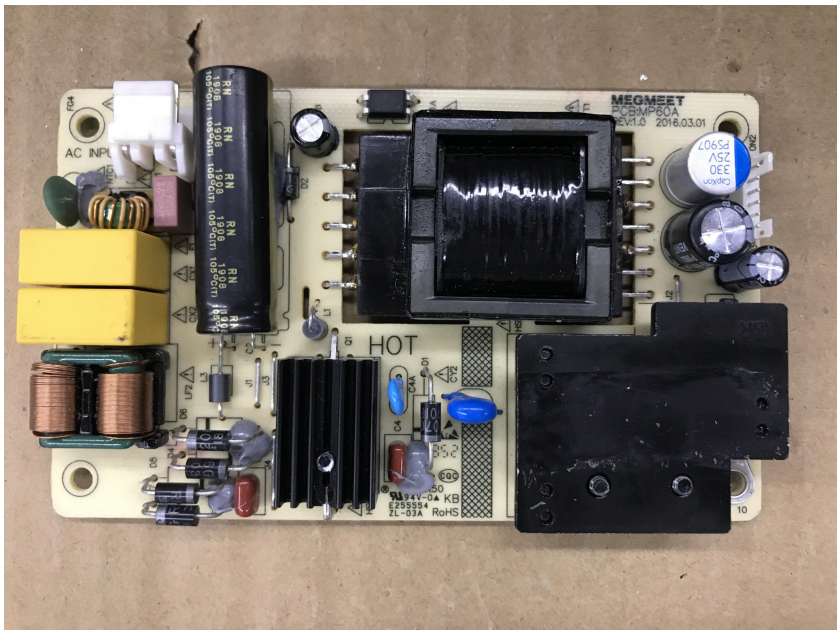
Note: CON1 -- VH CONNECTION, TYPE : pitch7.92mm

Table 14 CON2(6Pin)

NO.	Pin Connection	Function
④⑤⑥	+12V	12V CHANNEL DC OUTPUT
①②③	GND	12V CURRENT RETURN

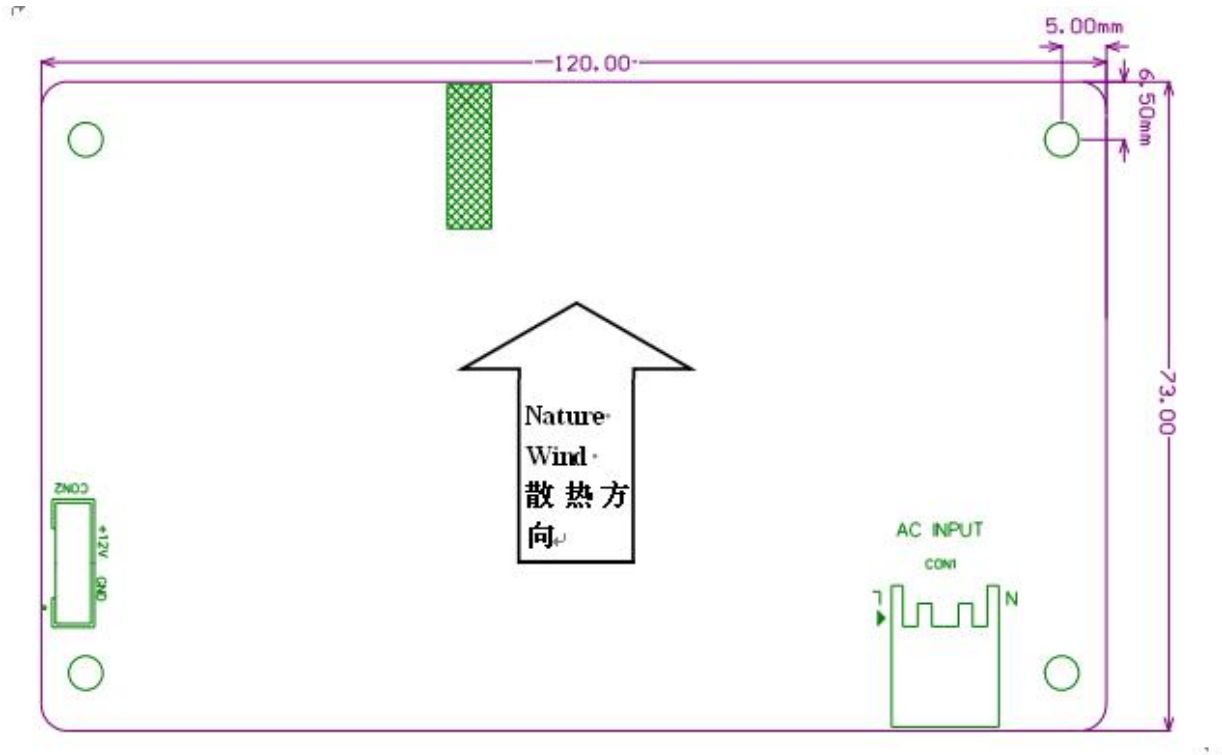
Note: CON2 -- XH CONNEETION, TYPE : pitch2.0mm

8. 实物图



9.Power Supply Mounting （装配）

9.1Power Supply Mounting（装配结构）



Note: The image shown here is indicative only. If there is inconsistency between the image and the actual product, the actual product shall govern.(此图片仅供参考。若图片与实物有所不同，则以实物为准。)

10.Mount Method（装配事项 ）

Table 15

D(1*)	≤5.5mm
H2(2*)	≥5.0mm
	≤10.0mm
H1	≤15mm

Note:
1*. Mount the unit to the mounting board using M3 screw. The maximum value of the tightening torque is 0.4N-M. The insertion depth of the screw should be less 5.5mm.

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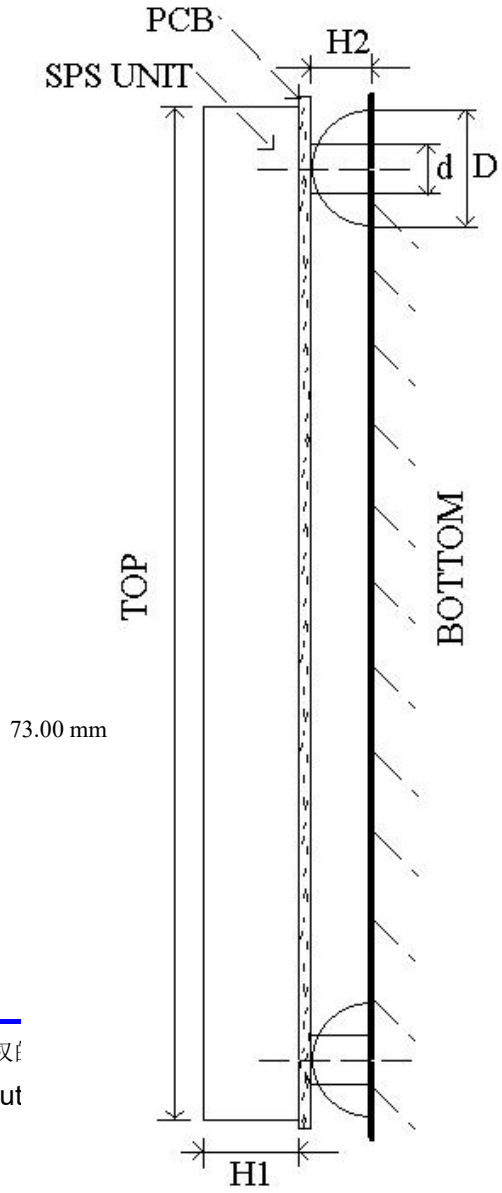

11.Mylar（绝缘麦拉片）

NA

12. Package（包装）

TBD