Test Report issued under the responsibility of:

IEC 60601-1
Medical electrical equipment
Part 1: General requirements for basic safety and essential performance

Report Reference No.....:	171202170SHA-001
Date of issue .....:	2018-03-01
	Modification 1:2019.03.28
Total number of pages.....:	**7**
CB Testing Laboratory.....:	Intertek Testing Services Shanghai
Address .....:	Building No.86, 1198 Qinzhou Road (North), Shanghai 200233, China
Applicant's name.....:	**Applied Power (Shanghai) Electronics Co., Ltd**
Address .....:	No.400 Fangchun Rd,free trade zone,Shanghai,China 201203
Test specification:	
Standard .....:	IEC 60601-1:2005 (Third Edition) + CORR. 1:2006 + CORR. 2:2007 + A1:2012 (or IEC 60601-1: 2012 reprint)
Test procedure.....:	CB Scheme
Non-standard test method……..:	None
Test Report Form No.....:	IEC60601_1K
Test Report Form Originator .....:	UL(US)
Master TRF .....:	2015-11

This report is not valid as a CB Test Report unless signed by an approved CB Testing Laboratory and appended to a CB Test Certificate issued by an NCB in accordance with IECEE 02.

General disclaimer:

The test results presented in this report relate only to the object tested.
This report shall not be reproduced, except in full, without the written approval of the Issuing CB testing laboratory. The authenticity of this Test Report and its contents can be verified by contacting the NCB, responsible for this Test Report.

Test item description .....:	Medical Power Supply
Trade Mark.....:	APPLIED POWER
Manufacturer.....:	Same as applicant
Model/Type reference.....:	MIA-11**
	(refer to general information for details)
Ratings.....:	Input: 100-240V~, 50-60Hz, 0.4A
	Output: 5Vdc, 2.1A, 10.5W
	Class II

Testing procedure and testing location:			
☒	**CB Testing Laboratory:**	Intertek Testing Services Shanghai	
Testing location/ address .....:		Building No.86, 1198 Qinzhou Road (North), Shanghai 200233, China	
☐	**Associated CB Testing Laboratory:**		
Testing location/ address .....:			
Tested by (name, function, signature) .....:		James Fu (engineer)	James Fu
Approved by (name, function, signature) ..:		Teddy Fan (mandated reviewer)	Teddy
☐	**Testing procedure: CTF Stage 1:**		
Testing location/ address .....:			
Tested by (name, function, signature) .....:			
Approved by (name, function, signature) ..:			
☐	**Testing procedure: CTF Stage 2:**		
Testing location/ address .....:			
Tested by (name, function, signature) .....:			
Witnessed by (name, function, signature).:			
Approved by (name, function, signature) ..:			
☐	**Testing procedure: CTF Stage 3:**		
☐	**Testing procedure: CTF Stage 4:**		
Testing location/ address .....:			
Tested by (name, function, signature) .....:			
Witnessed by (name, function, signature).:			
Approved by (name, function, signature) ..:			
Supervised by (name, function, signature) :			

List of Attachments (including a total number of pages in each attachment):
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Summary of testing	
Tests performed (name of test and test clause):	**Testing location:**
Modification 1: **No test performed in this modification.**	Intertek Testing Services Shanghai Building No.86, 1198 Qinzhou Road (North), Shanghai 200233, China

Summary of compliance with National Differences
List of countries addressed: **None.**

Copy of marking plate

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 marking label of other models included in this report are identical to the one above except for model number.

GENERAL INFORMATION	
Test item particulars (see also Clause 6):	
Classification of installation and use ..... :	~~transportable /~~ portable ~~/ stationary / mobile / fixed / permanently installed / hand-held, body-worn~~
Device type (component/sub-assembly/ equipment/ system) :	Component
Intended use (Including type of patient, application location) :	Indoor use only
Mode of operation ..... :	Continuous ~~/ non-continuous~~
Supply connection.....	~~internally powered /permanently installed / appliance coupler / non-detachable cord~~
	direct plug-in
Accessories and detachable parts included ..... :	None
Other options include ..... :	None
Testing	
Date of receipt of test item(s)..... :	**No testing requirement**
Dates tests performed..... :	**No testing requirement**
Possible test case verdicts:	
- test case does not apply to the test object ..... :	N/A
- test object does meet the requirement ..... :	Pass (P)
- test object was not evaluated for the requirement..... :	N/E (collateral standards only)
- test object does not meet the requirement ..... :	Fail (F)
Abbreviations used in the report:	
- normal condition ..... : N.C.	- single fault condition ..... : S.F.C.
- means of Operator protection ..... : MOOP	- means of Patient protection .... : MOPP

General remarks:

"(See Attachment #)" refers to additional information appended to the report.
"(See appended table)" refers to a table appended to the report.
The tests results presented in this report relate only to the object tested.
This report shall not be reproduced except in full without the written approval of the testing laboratory.
List of test equipment must be kept on file and available for review.
Additional test data and/or information provided in the attachments to this report.

Throughout this report a ☐ comma / ☒ point is used as the decimal separator.

Manufacturer's Declaration per sub-clause 4.2.5 of IECEE 02:2012

The application for obtaining a CB Test Certificate includes more than one factory location and a declaration from the Manufacturer stating that the sample(s) submitted for evaluation is (are) representative of the products from each factory has been provided..... :

☐ Yes
☒ Not applicable

When differences exist; they shall be identified in the General product information section.

Name and address of factory (ies) ..... : Only one factory

Dongguan YingJu Power Co.,LTD

No. 6 YongXing RD, Shayao Village, Shijie Town, Dongguan City, Guangdong, 523300, China

General product information:

The product covered by this report a medical power supply with various input and output types.

It is intended to be used below 5,000 m altitude, indoor use, Class II.

Operation Ambient Temperature: -10°C to 40°C

Operation Humidity: 20% to 95%RH non-condensing

The insulation was evaluated at 2MOPP.

Model Differences:

MIA-11** series

The 1st "*" can be "U" or "C", "A", "K", witch donates different input type ("U" for USA and Japan, "C" for China, "A" for Australia, "K" for United kingdom)

The 2nd "*" can be "A", "B" or "C", witch donates different output type ("A" for USB type A, "B" for Output Cable with TBD barrel connector, and "C" for USB type C)

Technical consideration:

Usability has not been investigated on this product.

Modification 1:

The original test report ref. No. 171202170SHA-001 dated 2018-03-01, was modified on 2019-03-28 to include the following changes and/or additions:

1. **Updated the label.**
2. **Applicant and manufacturer's name had been changed from "Applied powered (Shanghai) Electronics Co., Ltd" to "Applied Power (Shanghai) Electronics Co., Ltd".**

Concerning the change above, no test need to be performed in this report. And this report should be used in conjunction with the original test report ref. No. 171202170SHA-001.