

CERTIFICATE

Registration No.
14EAS04034 0617

Report No.
14EAS04034 11



DECLARATION OF CONFORMITY

This Verification of Compliance is hereby issued to the product designated below

Holder of Certificate : Mornsun Guangzhou Science & Technology Ltd.
No.5, Kehui St.1, Kehui development center, Science Ave., Guangzhou
Science City, Luogang district, Guangzhou, P.R.China

Product : POWER SUPPLY
Model No.: LS05-15BXXSS
Refer to the test report for details
Rated input : 100-240Vac, 50/60 Hz, 0.2A.
Rated output : Refer to the test report for details
Tested according to : EN 55022:2010+AC:2011
EN 55024:2010
EN 61000-3-2:2006+A1:2009+A2:2009
EN 61000-3-3:2008
CISPR 22:2008

This certificate of conformity is based on evaluation of a sample of the above mentioned product. Technical report and documentation are at the licence Holder's disposal. This is to certify that the tested sample is in conformity with all revision of Annex I of Council Directive 2004/108/EC, referred to as the EMC. This certificate does not imply assessment of the series-production of the product . The holder of the certificate is authorized to use this certificate in Connection with the EC declaration of conformity according to Annex IV of the Directive.

ATT Product Service Co., Ltd
(CBTL Lab of UL International Demko)
Tel : 86-769-8509 8000 e-mail: att@attps.cn
Fax: 86-769-8509 8777 <http://www.attps.cn>

Date of issue: 06/10/2014 (mm/dd/yy)



Certification Body

Signature: Mr. Tomy Wu
(Manager)



The CE Marking may be used if all relevant and effective EC Directives are complied with.



CERTIFICATE

Registration No.
14LAS04034 0610

Report No.
14LAS04034 11



No.L3098



DECLARATION OF CONFORMITY

This Verification of Compliance is hereby issued to the product designated below

Holder of Certificate : MORN SUN GuangZhou Science & Technology Ltd.
5 KeHui ST 1 KeHui Development Center, Science Ave, GuangZhou
Science City, LuoGang District, GuangZhou, GuangDong 510000 China.

Product : AC-DC Converter
Identification: LS05-15BXXSS (XX=03, 05, 09, 12, 15, 24 for output voltage)
Rated input : Input: 100-240Vac, 50/60Hz, 0.2A
Rated output : Output: See model list for detail
Protection Class : Class II
Max. ambient temperature : 55°C at 100% load; 85°C at 60% load
Tested according to : EN 60950-1:2006+A11:2009+A1:2010+A12:2011+A2:2013

This certificate of conformity is based on evaluation of a sample of the above mentioned product. Technical report and documentation are at the licence Holder's disposal. This is to certify that the tested sample is in conformity with all revision of Annex I of Council Directive 2006/95/EC, in its latest amended version, referred to as the Low Voltage Directive. This certificate does not imply assessment of the series-production of the product. The holder of the certificate is authorized to use this certificate in Connection with the EC declaration of conformity according to Annex III of the Directive.

ATT Product Service Co., Ltd
(CBTL Lab of UL International Demko)
Tel : 86-769-8509 8000 e-mail: att@attps.cn
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Date of issue: 06/26/2014 (mm/dd/yy)



Certification Body

Mr. King Wang
(Manager)




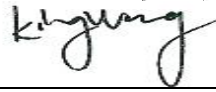
The CE Marking may be used if all relevant and effective EC Directives are complied with.





Test Report issued under the responsibility of:



TEST REPORT	
IEC/EN 60950-1	
Information technology equipment – Safety –	
Part 1: General requirements	
Report Reference No.:	14LAS04034 11
Date of issue.....:	2014-06-24
Total number of pages	63 pages
CBTL Testing Laboratory	ATT Product Service Co., Ltd.
Address	No. 3, ChangLianShan Industrial Park, ChangAn Town, DongGuan City, GuangDong, China.
Tested by (name + signature)	Henry Chen 
Approved by (+ signature).....:	King Wang 
Applicant's name	MORNSUN GuangZhou Science & Technology Ltd.
Address	5 KeHui ST 1, KeHui Development Center, Science Ave, GuangZhou Science City, LuoGang District, GuangZhou, GuangDong 510000 China.
Manufacturer's name	Same as applicant
Address	Same as applicant
Test specification:	
Standard	IEC 60950-1:2005 (Second Edition) + Am 1:2009 + Am 2:2013 (EN 60950-1:2006+A11:2009+A1:2010+A12:2011+A2:2013)
Test procedure	LVD
Non-standard test method.....:	N/A
Test Report Form No:	IEC60950_1F
Test Report Form(s) Originator	SGS Fimko Ltd
Master TRF.....:	Dated 2014-02
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If this Test Report Form is used by non-IECEE members, the IECEE/IEC logo and the reference to the CB Scheme procedure shall be removed.	

Test item description	AC-DC Converter
Trade Mark	MORNSUN ®
Manufacturer	Same as applicant
Model/Type reference.....	LS05-15BXXSS (XX=03, 05, 09, 12, 15, 24 for output voltage)
Ratings	Input: 100-240 Vac, 50/60 Hz, 0.2 A Output: See model list for detail

List of Attachments (including a total number of pages in each attachment):
- Photo documentation (2 pages)

Summary of testing:																											
<p>Tests performed (name of test and test clause):</p> <p>1. Following tests performed during evaluation:</p> <table border="1"> <thead> <tr> <th>Clause(s)</th> <th>Test(s)</th> </tr> </thead> <tbody> <tr> <td>1.6.2</td> <td>Input Current Test</td> </tr> <tr> <td>1.7.11</td> <td>Durability of Marking Test</td> </tr> <tr> <td>2.1.1.5</td> <td>Energy Hazard in Operator Access Area</td> </tr> <tr> <td>2.1.1.7</td> <td>Capacitance Discharge Test</td> </tr> <tr> <td>2.5</td> <td>Limited Power Source Measurement</td> </tr> <tr> <td>2.9.2</td> <td>Humidity Conditioning</td> </tr> <tr> <td>2.10.2</td> <td>Determination of Working Voltage; Working Voltage Measurement</td> </tr> <tr> <td>2.10.3 & 2.10.4</td> <td>Clearance and creepage distance measurements</td> </tr> <tr> <td>4.5.1</td> <td>Heating Test</td> </tr> <tr> <td>5.1.6</td> <td>Touch Current and PE current</td> </tr> <tr> <td>5.2</td> <td>Electric Strength Test</td> </tr> <tr> <td>5.3</td> <td>Fault Condition Test</td> </tr> </tbody> </table> <p>All tests performed on models LS05-15B03SS, LS05-15B05SS, LS05-15B09SS and LS05-15B24SS represented for all models. The EUTs passed the test.</p>	Clause(s)	Test(s)	1.6.2	Input Current Test	1.7.11	Durability of Marking Test	2.1.1.5	Energy Hazard in Operator Access Area	2.1.1.7	Capacitance Discharge Test	2.5	Limited Power Source Measurement	2.9.2	Humidity Conditioning	2.10.2	Determination of Working Voltage; Working Voltage Measurement	2.10.3 & 2.10.4	Clearance and creepage distance measurements	4.5.1	Heating Test	5.1.6	Touch Current and PE current	5.2	Electric Strength Test	5.3	Fault Condition Test	<p>Testing location:</p> <p>All tests as described in Test Case and Measurement Sections were performed at the laboratory described on page 1.</p>
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