

EMC Mark VERIFICATION No. GZEMC1112002

Equipment

Type of equipment	LED power supply
Brand name	 EAGLERISE
Type / Model	ELP06-12LS; ELP09-12LS; ELP12-12LS; ELP18-12LS
Manufacturer	Eaglerise Electric & Electronic (Foshan) Co., Ltd.
Manufacturing site	Guicheng Sci-Tech Industrial Park, Jianping Road, Nanhai District, Foshan City, Guangdong Province, P.R. China

Standards

EN 55015: 2006+A1:2007+A2: 2009
EN 61000-3-2:2006+A1:2009+A2:2009
EN 61000-3-3:2008
EN 61547: 2009

TEST REPORTS

Intertek Testing Services Shenzhen
Ltd. Guangzhou Branch
Report No.: GZ09060580-1R2

SUMMARY OF RESULTS

We confirm that the product without reasonable doubt will fulfil the requirements concerning electromagnetic compatibility according to the above mentioned standards harmonised with the EMC Directive 2004/108/EC.

With accomplishing factory inspection this verification give the above mentioned manufacturer the right to use the Intertek EMC mark on the above mentioned product/s.

Intertek Testing Services Shenzhen
Ltd. Guangzhou Branch
Date of issue: 05 December 2011



Yannie Wang
Manager, EMC



Intertek

Test Verification of Conformity

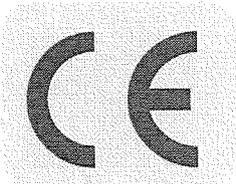
On the basis of the referenced test report(s), the sample(s) of the below product has been found to comply with the relevant harmonized standard(s) to the directive(s) listed on this verification at the time the tests were carried out. The manufacturer may indicate compliance to only the said directives by signing a DoC himself and may affix the CE marking to products identical to the tested sample(s) if the product complies with all CE marking directives that has the product in their scope. In addition, the manufacturer shall file and keep the documentation according to the rules of the applicable directive(s) and shall consider changes of the standards as they may occur. Additional requirements, additional directives and local laws may be applicable.

Applicant Name & Address	:	Eaglerise Electric & Electronic (Foshan) Co., Ltd. Guicheng Sci-Tech Industrial Park, Jianping Road, Nanhai District, Foshan City, Guangdong Province, P.R. China
Product(s) Tested	:	LED power supply
Ratings and principal characteristics	:	See Annex to Test Verification of Conformity for detailed Ratings and principal characteristics
Model(s)	:	ELP06-12LS; ELP09-12LS; ELP12-12LS; ELP18-12LS
Brand name	:	 EAGLERISE
Relevant Standard(s) / Specification(s) / Directive(s)	:	EN 55015: 2006+A1: 2007+A2: 2009/ Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment EN 61000-3-2: 2006+ A1: 2009+ A2: 2009/ Electromagnetic compatibility (EMC) – Part 3-2: Limits – Limits for harmonic current emissions (equipment input current ≤ 16 A per phase) EN 61000-3-3: 2008/ Electromagnetic compatibility (EMC) – Part 3-3: Limits – Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems, for equipment with rated current ≤ 16 A per phase and not subject to conditional connection EN 61547: 2009/ Equipment for general lighting purposes — EMC immunity requirements EMC Directive 2004/108/EC
Verification Issuing Office Name & Address	:	Same as Legal Entity
Verification/Report Number(s)	:	GZ09060580-1R2/ GZ09060580-1R2

Note 1: This verification is part of the full test report(s) and should be read in conjunction with it.

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Note 2: This verification supersedes previous verification with Verification number GZ09060580-1R1 dated 31 August 2011.




Signature

Name: Carrie Chen
 Position: Sr. Project Engineer
 Date: 05 December 2011

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Annex to Test Verification of Conformity

This is an Annex to Test Verification of Conformity with Verification/Report Number(s): GZ09060580-1R2/ GZ09060580-1R2. The issuing office is Intertek Testing Services Shenzhen Ltd. Guangzhou Branch (Address: Block E, No, 7-2 Guang Dong Software Science Park, Caipin Road Guangzhou Science City, GETDD Guangzhou).

Ratings and principal characteristics

: Class II; SELV; IP 20; ta 50 °C; tc 80 °C; Built-in; Constant voltage type; 110°C thermal protection; Inherently short-circuit proof; Suitable for direct mounting on normally flammable surfaces;
ELP06-12LS: Input: 220-240 VAC 50/60 Hz; 65 mA;
Output: 12 VDC; 0,5 A;
ELP09-12LS: Input: 220-240 VAC 50/60 Hz; 90 mA;
Output: 12 VDC; 0,75 A;
ELP12-12LS: Input: 220-240 VAC 50/60 Hz; 120 mA;
Output: 12 VDC; 1 A;
ELP18-12LS: Input: 220-240 VAC 50/60 Hz; 200 mA;
Output: 12 VDC; 1,5 A

Note 1: This annex is part of the Test Verification of Conformity and should be read in conjunction with it.

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Note 2: This annex to verification supersedes previous annex to verification with Verification number GZ09060580-1R1 dated 31 August 2011.



Signature

Name: Carrie Chen
Position: Sr. Project Engineer
Date: 05 December 2011

TEST REPORT

Applicant Name & Address : Eaglerise Electric & Electronic (Foshan) Co., Ltd.
Guicheng Sci-Tech Industrial Park, Jianping Road, Nanhai District, Foshan City, Guangdong Province, P.R. China

Manufacturing Site : Same as applicant

Sample Description :
Product : LED power supply
Model No. : ELP06-12LS; ELP09-12LS; ELP12-12LS; ELP18-12LS
Electrical Rating : Class II; SELV; IP 20; ta 50 °C; tc 80 °C; Built-in; Constant voltage type; 110°C thermal protection; Inherently short-circuit proof; Suitable for direct mounting on normally flammable surfaces;
ELP06-12LS: Input: 220-240 VAC 50/60 Hz; 65 mA; Output: 12 VDC; 0,5 A;
ELP09-12LS: Input: 220-240 VAC 50/60 Hz; 90 mA; Output: 12 VDC; 0,75 A;
ELP12-12LS: Input: 220-240 VAC 50/60 Hz; 120 mA; Output: 12 VDC; 1 A;
ELP18-12LS: Input: 220-240 VAC 50/60 Hz; 200 mA; Output: 12 VDC; 1,5 A

Test standards : EN 55015: 2006+A1: 2007+A2: 2009
EN 61000-3-2:2006+ A1:2009+ A2:2009
EN 61000-3-3: 2008
EN 61547:2009

Test Result : Pass

Conclusion : The submitted samples complied with the above EMC standards.

Remark : When determine the test result, measurement uncertainty has been considered.
*****End of Page*****

Prepared and Checked By:

Helen Ma
Helen Ma
Project Engineer
Intertek Guangzhou

Approved By:


Carrie Chen *Signature*
Sr. Project Engineer
Intertek Guangzhou
05 December 2011 *Date*

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Intertek Testing Services Shenzhen Ltd. Guangzhou Branch
Block E, No.7-2 Guang Dong Software Science Park, Caipin Road, Guangzhou Science City, GETDD Guangzhou, China
Tel / Fax: 86-20-8213 9688/86-20-3205 7538



**TEST REPORT
(with Justification)**

Test result:

It is found that the LED power supply, model ELP06-12LS; ELP09-12LS; ELP12-12LS; ELP18-12LS met the requirements of 2004/108/EC directive and EN 55014-1, EN 55014-2, EN 61000-3-2, EN 61000-3-3 standards.

Report revision reason:

This report is the first revision of the previous test report GZ09060580-1R1 dated 31 August 2011 and shall be used together with it.

For model ELP12-12LS, the position of L0 and RV1 had been changed which do not affect EMC characteristics.

The production units are required to conform to the initial sample as received when the units are placed on the market.

*****End of report*****