



TEST REPORT

IEC 60068-2-52 Environmental testing Part 2: Tests- Test Kb: Salt mist, cyclic (sodium chloride solution)

Report Reference No.....: STR13118385S

Compiled by (+ signature): Chris Chen

Chris Chen

Approved by (+ signature): Ailis Ma

Ailis Ma

Date of issue: Dec. 16, 2013

Testing laboratory: Shenzhen SEM.Test Technology Co., Ltd.

Address: 1/F., Room 101, Building 1, Hongwei Industrial Park, Liuxian'er Road, Block 70, Bao'an District, Shenzhen, Guangdong, China

Testing location: As above

Applicant: GlobTek, Inc.

Address: 186 Veterans Dr. Northvale, NJ 07647 USA

Manufactory (1): GlobTek, Inc.

Address: 186 Veterans Dr. Northvale, NJ 07647 USA

Manufactory (2).....: GlobTek (Suzhou) Co., Ltd.

Address: Building 4, No.76, JinLing East Rd., Suzhou Industrial Park, Suzhou, JiangSu 215021, China

Standard: IEC 60068-2-52 Environmental testing Part 2: Tests- Test Kb: Salt mist, cyclic (sodium chloride solution)

Test Item: Salt mist, cyclic test

Product of test object: Power Supply

Trademark: GlobTek

Model/type reference: GTD93035H6013.2-F

Rating: D=Input: 50-150 Vdc,
E=Output: 13.2 V $\overline{\text{---}}$ 4.5 A

| Testing: | | | | | |
|--|-------------|-------------------------|------------|----------------|---------------|
| Date of receipt of test item: Nov. 29, 2013 | | | | | |
| Date(s) of performance of test: Nov. 29, 2013 - Dec. 13 2013 | | | | | |
| Test equipment: | | | | | |
| Instrument | Model | Manufacturer | Serial No. | Cal. Last Date | Cal. Due Date |
| Salt mist chamber | HS-101A | Tianshuo test equipment | SEMT-0036 | 2013-07-14 | 2014-07-13 |
| Temperature/humidity chamber | SETH-Z-042U | ESPEC | SEMT-0005 | 2013-07-14 | 2014-07-13 |

1: Description of Sample:

Test before, sample surface no damage, no abnormal phenomenon.

2: Test condition and requirement:

Temperature/humidity chamber temperature and humidity:40°C, 92%RH;

3: Salt solution

5% sodium chloride(NaCl) solution

The pH value of the solution shall be between 6.5 and 7.2 at a temperature of 20°C ± 2°C ;

4: Severities

Severities (1): for spray periods, each of 2, with a humidity storage period of seven days after each.

5: Testing

a, The sample was placed in the salt mist chamber, and sprayed with the salt solution, for a period of 2h at a temperature between 15°C and 35°C.

b, The salt mist conditions shall be maintained in all parts of the exposure zone, that a clean collecting receptacle with a horizontal collecting area of 80 cm², placed at any point in the exposure zone, shall collect between 1.0 ml and 2.0 ml of solution per hour, averaged over the collecting period, a minimum of two receptacles shall be used, the receptacles shall be placed such that they are not shielded by the specimen and so that no condensation from source shall be collected.

6: Test result:

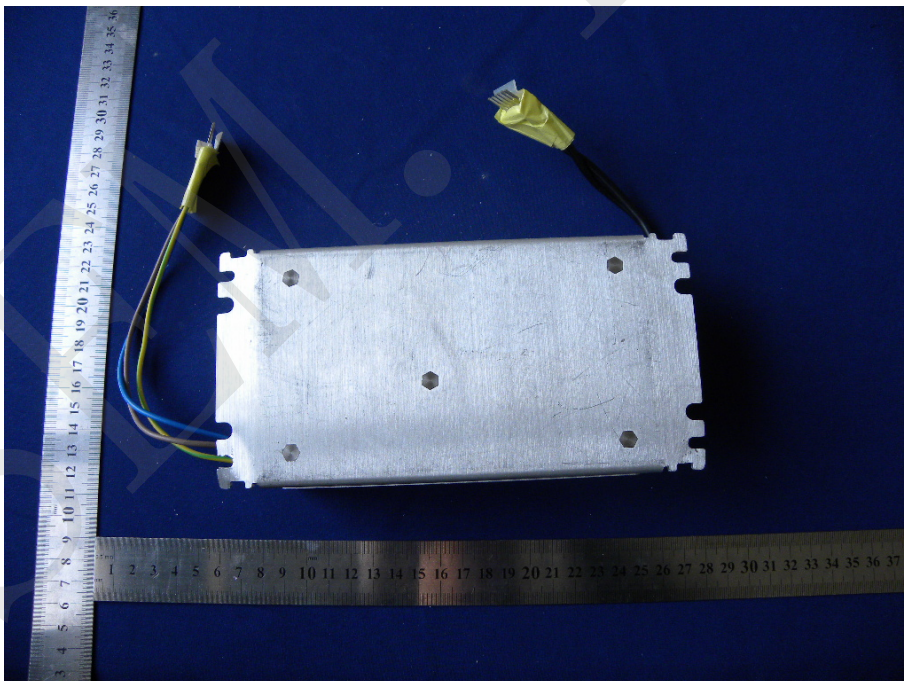
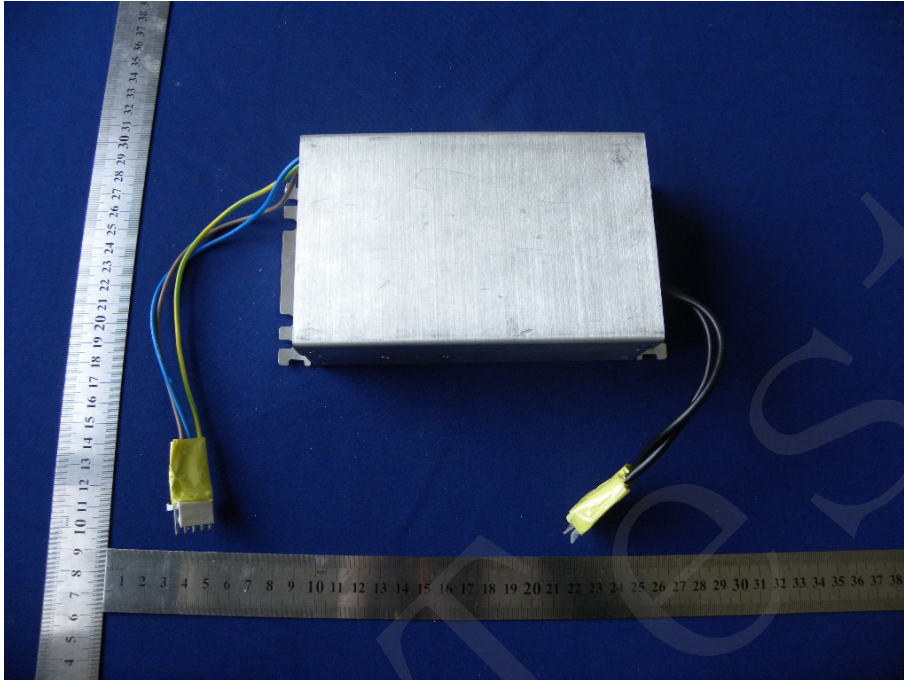
Inspection after the test did not reveal any signs of corrosion, rust and any abnormal phenomenon. See pictures in the appendix for details.

Notes: Test environment temperature and relative humidity: 25°C, 58%RH.

Test Photos:



After the test:



*****End of Test Report*****