



## Technical Report No. 64.140.15.04464.04

Rev. 00

Dated 2018-10-10

- Client: Name: Yongzhou TAIJU Electronics Co., Ltd.  
Address: Standard Factory Building C, Tuojiang Town, Jianghua Yao Autonomous County, Yongzhou, Hunan, China.  
Contact person: Mr. Jianhai Zhu
- Manufacturing place: Manufacturer's name: Same as above  
Address: Same as above  
Factory's name: Same as above  
Address: Same as above
- Test subject: Product: LED Driver  
Type: TJ-GSxxVzW-yyyy, TJ-GSxxVuuW-yyyy ("xx"=03-36 stands for output voltage range in step of 1V; "yyy"=0110-1600 stands for output current range in step of 1mA; "z"=1-9, "uu"=10-15, "z" and "uu" stand for output power range in step of 1W).
- Test specification: EN 61347-1:2015  
EN 61347-2-13:2014+A1:2017  
EN 62493:2015  
AfPS GS 2014:01 PAK
- Purpose of examination:
- inspection according to specified requirements to realize the conformity with the Produktsicherheitsgesetz - ProdSG, version Nov 08, 2011
  - inspection according to specified requirements to realize the observance of the protection aims of the following EC directives:
    - LVD directive 2014/35/EU
    - EMC directive 2014/30/EU
  - Test according to the test specification
- Test result: The test results show that the presented product is in compliance with the specified requirements  
Requirements of AfPS GS 2014:01 PAK have been evaluated and found to be met by evaluation and/or relevant test

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## Description of the test subject

### 1.1 Function

- Manufacturer's specification for intended use:  
Independent SELV LED driver.
- Manufacturer's specification for predictive misuse:

### 1.2 Consideration of the foreseeable misuse

- Not applicable
- Covered through the applied standard
- Covered by the following comment
- Covered by attached risk analysis

### 1.3 Technical Data

Model	:	TJ-GSxxVzW-yyyy, TJ-GSxxVuuW-yyyy ("xx"=03-36 stands for output voltage range in step of 1V; "yyyy"=0110-1600 stands for output current range in step of 1mA; "z"=1-9, "uu"=10-15, "z" and "uu" stand for output power range in step of 1W).
Rated Voltage (V)	:	AC220-240V
Rated Frequency (Hz)	:	50/60Hz
Rated output	:	3-36V, 110-1600mA, 1-15W.
Type of output	:	Constant voltage type
Protection against Electric Shock	:	Class II, SELV
Degree of Protection	:	IP 44
Method of Installation	:	Independent
Ta	:	45°C
Tc	:	75°C

## 2 Order

### 2.1 Date of Purchase Order, Customer's Reference

2018-09-13

### 2.2 Receipt of Test Sample, Location

2018-09-13, Guangzhou

### 2.3 Date of Testing

2018-09-13 to 2018-10-10

### 2.4 Location of Testing



TÜV SÜD Certification and Testing (China) Co., Ltd. Guangzhou Branch

## 2.5 Points of Non-compliance or Exceptions of the Test Procedure

None

## 3 Test Results

### 3.1 Positive Test Results

- Electrical safety (Report No.: 64.140.15.04464.04 Dated: 2018-10-10)

## 4 Remark

### 4.1 Remarks to Factory

Your production facility is currently on a

- Annual (12 month) inspection cycle,
- Bi-Annual (6 month) inspection cycle,
- Quarterly (3 month) inspection cycle.

Final inspection requirements for production are described in Annex K of EN 61347-1:2015

Final inspection is to be determined

If fluctuations in production quality in a production facility are to be expected it has to be pondered whether a shorter cycle of factory inspections must be applied. Causes therefore may be up directly to the manufacturer or arise from the environment in the country. At the determination of the cycle the respective specifications of the individual certification schemes are to be observed (see hereto also TPS\_P\_09.51).

- 4.2** The user manual has been examined according to the minimum requirements described in the product standard. The manufacturer is responsible for the accuracy of further particulars as well as of the composition and layout.

- 4.3** When the product is placed on the market, it must be accompanied with safety instructions written in official language of the country. The instructions shall give information regarding safe operation, installation and maintenance.

- 4.4** According to the German product safety law (ProdSG), the name and address of manufacturer (an EU-based importer or authorized representative if the manufacturer is not based in EU) shall be affixed on the product or, where that is not possible, on its packaging or in a document accompanying the product before the product is placed on the EU market;

According to the EU directives which have been aligned with EU NLF (new legislative framework), both of manufacturer and importer's name and address shall be affixed on the product or, where that is not possible, on its packaging or in a document accompanying the product before the product is placed on the EU market.

- 4.5** The manufacturer/ Importer has to ensure the appliance placing on the EU market conforms to the applicable EU directives which provide the affixing of the CE marking, such as LVD, EMC,



RoHS, ErP, and so on.

**4.6** All applicable hazards from EU directive 2014/35/EU is covered by harmonized standard EN 61347-1:2015 and EN 61347-2-13:2014+A1:2017.

**5 Documentation**

- CDF
- Photo documentation

**6 Summary**

The test specifications are met.

**TÜV SÜD Certification and Testing (China) Co., Ltd. Guangzhou Branch  
TÜV SÜD Group**

**Engineer:**

  
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**Ian Pan**

**Technical Report checked:**



  
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**Kenny Chen**