



# 校准证书

## CALIBRATION CERTIFICATE

证书编号 DBB201505505  
Certificate No.

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委托方 广州市银泰电子科技有限公司  
Client

委托方地址  
Add. of Client

计量器具名称 CLAMP METER  
Description

型号规格 ETCR6300  
Model/Type

制造厂 广州市银泰电子科技有限公司  
Manufacturer

出厂编号 63140108  
Serial No.

设备编号  
Equipment No.

接收日期 2015 年 01 月 28 日  
Date of Receipt Y M D

结论 见校准结果页  
Conclusion Shown in the results of calibration

校准日期 2015 年 02 月 02 日  
Date of Calibration Y M D

批准人 戴伟  
Approved Signatory

核 验 叶跃华  
Inspected by

校 准 王晓东  
Calibrated by



证书专用章  
Stamp





# 说 明

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## DIRECTIONS

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1. 本中心是国家质量监督检验检疫总局在华南地区设立的国家法定计量检定机构, 计量授权证书号是: (国) 法计 (2012) 01043号、(国) 法计 (2012) 01032号。本中心质量管理体系符合 ISO/IEC 17025:2005 标准的要求。

This laboratory is the National Legal Metrological Verification Institution in southern China set up by the General Administration of Quality Supervision, Inspection and Quarantine of the People's Republic of China (AQSIQ) under authorization certificates No.(2012)01043 & (2012)01032. The quality system is in accordance with ISO/IEC 17025:2005.

2. 本中心所出具的数据均可溯源至国家计量基准和国际单位制 (SI)。

All data issued by this laboratory are traceable to national primary standards and International System of Units (SI).

3. 本次校准的技术依据:

Reference documents for the calibration:

JJF1075-2001 钳形电流表校准规范 C.S. of Clamp Ammeters

4. 本次校准所使用的主要计量标准器具:

Major standards of measurement used in the calibration:

| 设备名称/型号<br>Name of Equipment<br>/Model          | 编号<br>Serial No. | 证书号/有效期<br>Certificate No.<br>/Due Date | 计量特性<br>Metrological<br>Characteristic   |
|---|------------------|---|--|
| 多功能校准源<br>Multifunction<br>Calibrator<br>/5520A | 8080014          | DBB201411418<br>/2015-04-07             | ACV: $\pm 0.015\% \text{rdg}$ ;<br>ACA: $\pm 0.04\% \text{rdg}$ ;<br>FREQ: $\pm 2.5 \times 10^{-6} \text{rdg}$ |

5. 校准地点、环境条件:

Place and environmental conditions of the calibration:

地点 本中心电磁实验 温度  $(22 \pm 2) ^\circ\text{C}$  相对湿度  $(55 \pm 5) \%$   
Place 室 (Electrics-magnetics Lab) Temperature R.H.

6. 被校准仪器限制使用条件:

Limiting condition of the instrument calibrated:

注: 1. 本证书校准结果只与受校准仪器有关。

2. 未经本机构书面批准, 不得部分复制此证书。

Note: 1. The results relate only to the items calibrated.

2. This certificate shall not be reproduced except in full, without the written approval of our laboratory.



# 校准结果

## RESULTS OF CALIBRATION

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原始记录号 120155505  
Record No.

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一、外观: 符合要求(Apparent inspection:Pass)

二、交流电流: 见表1 (ACA:In table 1,  $f=50$  Hz)

表 1 (Table 1)

| 量程<br>Range | 示值<br>Indication Value | 实际值<br>Reference Value | 误差<br>Error | 允许误差<br>MPE | 结论<br>Conclusion |
|-------------|------------------------|------------------------|-------------|-------------|------------------|
|             | (mA)                   | (mA)                   | (mA)        | (mA)        | (Pass/Fail)      |
| Auto        | 0.492                  | 0.500                  | - 0.008     | $\pm 0.012$ | Pass             |
|             | 3.01                   | 3.000                  | + 0.01      | $\pm 0.10$  | Pass             |
|             | 4.99                   | 5.000                  | - 0.01      | $\pm 0.12$  | Pass             |
|             | 29.9                   | 30.00                  | - 0.1       | $\pm 0.9$   | Pass             |
|             | 49.8                   | 50.00                  | - 0.2       | $\pm 1.2$   | Pass             |
|             | (A)                    | (A)                    | (A)         | (A)         |                  |
|             | 0.299                  | 0.300                  | - 0.001     | $\pm 0.009$ | Pass             |
|             | 0.500                  | 0.500                  | 0.000       | $\pm 0.013$ | Pass             |
|             | 2.99                   | 3.000                  | - 0.01      | $\pm 0.09$  | Pass             |
|             | 5.01                   | 5.000                  | + 0.01      | $\pm 0.13$  | Pass             |
|             | 30.11                  | 30.00                  | + 0.11      | $\pm 0.50$  | Pass             |
|             | 50.27                  | 50.00                  | + 0.27      | $\pm 0.80$  | Pass             |

说明(Notes):

1. 测量结果的扩展不确定度(Expanded uncertainty of measuring results):

交流电流 (ACA)  $U_{rel}=0.13\%$

(包含因子  $k=2$ , 依据 JJF1059.1-2012 测量不确定度评定与表示)

(Coverage factor  $k=2$ , In accordance with JJF 1059.1-2012 Evaluation and Expression of Uncertainty in Measurement.)

2. 建议校准周期不超过1年。

The period of calibration advised within one year.