

上海市质量监督检验技术研究院

Shanghai Institute of Quality Inspection and Technical Research



中国认可
国际互认
校准

校准证书

CALIBRATION CERTIFICATE

证书编号: J17126900467 号
Certificate No.

客户名称
Customer

Electrical Inspector Meter Testing and Standards Laboratory, Department of Electrical Inspectorate

客户地址
Address of customer

Engineering College P.O, Thiruvananthapuram-695016, Kerala, India

计量器具名称
Name of Samples

Digital CC and CV DC Power Suppl (直流电源)

型号 / 规格
Type/Specification

DC3005

出厂编号
Series No.

BSXCP020020

制造单位
Manufacturer

Lisun Electronics Inc.



批准人 孙晓虹
Approved by

核验员 朱嘉宁
Checked By

校准员 倪华
Calibrated By

校准日期 2017 年 5 月 26 日
Date of calibration Year Month Day

地址(Address): 上海市江月路900号

邮编(Post Code): 201114

电话(Telephone): 021-54336359;54336353

传真(Fax): 021-54336359

电子邮件(Email): jls@sqi.org.cn

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本次计量所依据的技术文件(代号、名称):

Reference documents for the calibration (code, name)

JJG(航天)6-1999 直流稳压电源检定规程
SQI/JL-BD-127 直流稳压电源校准不确定度评定

计量地点及环境条件:

Location and environmental condition

计量地点: 江月路900号5号楼518室

其它: /

Location

Others

环境温度: 22 °C;

相对湿度: 60 %

Ambient temperature

Relative humidity

本次计量所使用的主要计量标准器具:

Main measurement standards used in this verification

名称/型号 Name/Type	编号 Number	测量范围/准确度 Measuring range/Accuracy	证书编号/有效期限 Certificate No./Due date
数字多用表/8508A	JL-A-A1-4227	DCU:0-1000V /±0.0006% DCI:0-20A /±0.005%	2016F11-20-004136/ 2017-9-26

以上计量标准器具的量值均可溯源到国家基准。

Quantity values of above measurement standards used in this calibration are traced to those of the national primary standards in the P.R. China.

结果/说明:

Results and additional explanation

所测数据符合仪器技术要求(The measured data are consistent with the technical requirements of the instrument)

数据见后页(The Test Data Refer Next Page)

本证书提供的结果仅对本次被检(校)样品有效, 未经本院许可, 不得部分采用本证书的内容。

The data are valid only for the Sample(s), Partly using this certificate will not be admitted unless allowed.

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结果/说明(续页):

Results and additional explanation (continued page)

1. 直流电流(DC)

量程(measuring range)	示值(Indication)	实际值(Reference)
5A	0.5000 A	0.4998 A
	1.0000 A	0.9997 A
	2.0000 A	1.9995 A
	3.0000 A	2.9992 A
	4.0000 A	3.9910 A
	5.0000 A	4.9988 A

2. 直流电压(DC Voltage)

量程(measuring range)	实际值(Reference)	示值(Indication)
30V	1.000 V	1.000 V
	2.000 V	2.000 V
	5.000 V	5.000 V
	10.000 V	10.000 V
	20.000 V	20.000 V
	30.000 V	30.000 V

3. 输出功率 >150W

本次校准直流电压相对扩展不确定度 $U_{rel}=0.02\%(k=2)$

(The DC voltage uncertainties of the calibration)

本次校准直流电流相对扩展不确定度 $U_{rel}=0.02\%(k=2)$

(The DC current uncertainties of the calibration)

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