



校准证书

CALIBRATION CERTIFICATE

证书编号: J15126902499 号
Certificate No.

客户名称

Customer

客户地址

Address of customer

计量器具名称

Name of Samples

型号 / 规格

Type/Specification

出厂编号

Series No.

制造单位

Manufacturer

No. 3, Roodsar St., shahid Azodi St., Karimkhan-e-zand Blvd., Tehran - IRAN

Voltage Dips and Interruptions Generato

CSS61000-11

1120P115109

Lisun Electronics Inc



批准人

Approved by

核验员

Checked By

校准员

Calibrated By

校准日期 2015 年 11 月 17 日
Date of calibration Year Month Day

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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)

- GB/T 17626.1-2006 电磁兼容 试验和测量技术 抗扰度试验总论
- GB/T 17626.1-2006 Electromagnetic compatibility-Testing and measurement techniques- Overview of immunity tests
- GB/T 17626.11-2008 电磁兼容 试验和测量技术 电压暂降与短时中断试验
- GB/T 17626.11-2008 Electromagnetic compatibility-Testing and measurement techniques- Voltage dips, short interruptions and voltage variations immunity tests
- QJ 3233-2005 交流稳压电源稳态特性校准规范
- QJ 3233-2005 Calibration specification for stable character of AC voltage stable source
- SQI/JL-BD-122 交流稳压电源不确定度评估
- SQI/JL-BD-122 Uncertainty evaluation of AC voltage stable source
- SQI/JL-BD-90 雷击浪涌发生器不确定度评定
- SQI/JL-BD-90 Uncertainty evaluation of surge generator

计量地点及环境条件:

Location and environmental condition

计量地点:	委托方现场实验室	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
示波器DP04014B-L	C023952	DC-1GHz /±1.5%	J15126000473 2016-7-19
		0-100V /±1.5%	
高压探头/P6015A	30-17	1000:1 /±2%	J15125000478/ 2016-8-6
数字功率表/LMG500	05651009	电压:0-1000V /±0.05%	2015F14-10-000225 /2016-1-22
		电流:0-30A /±0.05%	
		功率:0.001W-30000W /±0.05%	
		PF: 0-1 /±0.001	
		频率:DC-500kHz /±0.01%	
		THD:0%-100% /±0.05%	

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
数据见后页

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.

结果/说明(续页):

Results and additional explanation (continued page)

一、电压跌落输出精度

Output Accuracy of Voltage Dips

电压设定值 (V) Voltage Set Value	测试值 (V) Measured Value
0	0.5
80	80.2
120	120.5
160	160.8
220	221.8
240	242.3

二、跌落突变时间: (设定在90° 时突变)

Dips Mutations Time(Set at 90° mutations)

规定值 Specified Value: 1μs-5μs	实测值 (μs) Measured Value
突变类型 Mutation Type	实测值 (μs) Measured Value
上升 Rise	1.99
下降 Dips	1.97

三、持续时间 (50Hz):

Time of Duration

设定值 Set Value	实测值 (ms) Measured Value
0.5C	10.0
1C	20.0
5C	100
50C	1000

四、角度设定: 可调

Angle Setting: Adjustable

本次校准电压扩展不确定度 $U_{rel}=3.3\%(k=2)$

The expanded uncertainty of voltage $U_{rel} = 3.3\% (k = 2)$

本次校准时间扩展不确定度 $U_{rel}=3.0\%(k=2)$

The expanded uncertainty of time $U_{rel} = 3.0\% (k = 2)$

跌落波形 Dips Waveform

