

# Certificate

Issue Date: November 26, 2015  
Ref. Report No. ISL-15LE528CE

Product Name : SWITCHING POWER SUPPLY  
Model(s) : PSM10R-050  
Brand : PHIHONG  
Responsible Party : Phihong Technology Co., Ltd  
Address : No. 568, Fu Xing 3rd Rd. Guishan, Tao Yuan Hsien 333 Taiwan

We, **International Standards Laboratory**, hereby certify that:

The device bearing the trade name and model specified above has been shown to comply with the applicable technical standards as indicated in the measurement report and was tested in accordance with the measurement procedures specified in European Council Directive- EMC Directive 2004/108/EC. The device was passed the test performed according to :



#### Standards:

EN 55022: 2010+AC2011 and CISPR 22: 2008 (modified)  
EN 61000-3-2:2014 and IEC 61000-3-2:2014  
EN 61000-3-3: 2013 and IEC 61000-3-3: 2013  
EN 55024: 2010 and CISPR 24: 2010  
EN 61000-4-2: 2009 and IEC 61000-4-2: 2008  
EN 61000-4-3: 2006+A1: 2008 +A2: 2010 and  
IEC 61000-4-3:2006+A1: 2007+A2: 2010  
EN 61000-4-4:2012 and IEC 61000-4-4:2012  
EN 61000-4-5: 2006 and IEC 61000-4-5: 2005  
EN 61000-4-6: 2014 and IEC 61000-4-6: 2013  
EN 61000-4-8: 2010 and IEC 61000-4-8: 2009  
EN 61000-4-11: 2004 and IEC 61000-4-11: 2004

I attest to the accuracy of data and all measurements reported herein were performed by me or were made under my supervision and are correct to the best of my knowledge and belief. I assume full responsibility for the completeness of these measurements and vouch for the qualifications of all persons taking them.

**International Standards Laboratory**

W.H. Chang / Director

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**CE MARK TECHNICAL FILE**

**AS/NZS EMC CONSTRUCTION FILE**

of

Product Name

**SWITCHING POWER SUPPLY**

Model

**PSM10R-050**

Brand

**PHIHONG**

Contains:

1. Declaration of Conformity
2. EN55022/CISPR 22, AS/NZS CISPR 22 EMI test report
3. EN55024/CISPR 24, EN61000-3-2 / IEC 61000-3-2, and EN61000-3-3 / IEC 61000-3-3 test report
4. Block Diagram and Schematics
5. Users' manual

## Declaration of Conformity

Name of Responsible Party: Phihong Technology Co., Ltd  
 Address of Responsible Party: No. 568, Fu Xing 3rd Rd. Guishan,  
 Tao Yuan Hsien 333 Taiwan  
 Declares that product: SWITCHING POWER SUPPLY  
 Model: PSM10R-050  
 Brand: PHIHONG  
 Assembled by: Same as above  
 Address: Same as above

Conforms to the EMC Directive 2004/108/EC as attested by conformity with the following harmonized standards:

EN 55022:2010+AC:2011, CISPR 22:2008 (modified) and AS/NZS CISPR 22:2009+A1:2010: Limits and methods of measurement of Radio Interference characteristics of Information Technology Equipment.  
 EN 55024:2010 and CISPR 24:2010: Information technology equipment-Immunity characteristics - Limits and methods of measurement.

Standard	Description	Results	Criteria
EN 61000-4-2:2009 IEC 61000-4-2:2008	Electrostatic Discharge	Pass	B
EN 61000-4-3:2006+A1:2008 +A2:2010 IEC 61000-4-3:2006+A1:2007+A2:2010	Radio-Frequency, Electromagnetic Field	Pass	A
EN 61000-4-4:2012 IEC 61000-4-4:2012	Electrical Fast Transient/Burst	Pass	B
EN 61000-4-5:2006 IEC 61000-4-5:2005	Surge	Pass	B
EN 61000-4-6:2014 IEC 61000-4-6:2013	Conductive Disturbance	Pass	A
EN 61000-4-8:2010 IEC 61000-4-8:2009	Power Frequency Magnetic Field	Pass	A
EN 61000-4-11:2004 IEC 61000-4-11:2004	Voltage Dips / Short Interruption and Voltage Variation		
	>95% in 0.5 period	Pass	B
	30% in 25 period	Pass	C
	>95% in 250 period	Pass	C

Standard	Description	Results
EN 61000-3-2:2014 IEC 61000-3-2:2014	Limits for harmonics current emissions	Pass
EN 61000-3-3:2013 IEC 61000-3-3:2013	Limits for voltage fluctuations and flicker in low-voltage supply systems.	Pass

<to be continued>

*We, Phihong Technology Co., Ltd, hereby declare that the equipment bearing the trade name and model number specified above was tested conforming to the applicable Rules under the most accurate measurement standards possible, and that all the necessary steps have been taken and are in force to assure that production units of the same equipment will continue to comply with the requirements.*

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Phihong Technology Co., Ltd

**Date: November 26, 2015**

### Declaration of Conformity

Name of Responsible Party: Phihong Technology Co., Ltd  
Address of Responsible Party: No. 568, Fu Xing 3rd Rd. Guishan,  
Tao Yuan Hsien 333 Taiwan  
Declares that product: SWITCHING POWER SUPPLY  
Model: PSM10R-050  
Brand: PHIHONG  
Assembled by: Same as above  
Address: Same as above

Conforms to the EMI part of RCM Mark requirements as attested by conformity with the following standards:

EN 55022:2010+AC:2011, CISPR 22:2008 (modified) and AS/NZS CISPR 22:2009+A1:2010: Limits and methods of measurement of Radio Interference characteristics of Information Technology Equipment.

EN 55024:2010 and CISPR 24:2010: Information technology equipment-Immunity characteristics - Limits and methods of measurement.

Standard	Description	Results	Criteria
EN 61000-4-2:2009 IEC 61000-4-2:2008	Electrostatic Discharge	Pass	B
EN 61000-4-3:2006+A1:2008 +A2:2010 IEC 61000-4-3:2006+A1:2007+A2:2010	Radio-Frequency, Electromagnetic Field	Pass	A
EN 61000-4-4:2012 IEC 61000-4-4:2012	Electrical Fast Transient/Burst	Pass	B
EN 61000-4-5:2006 IEC 61000-4-5:2005	Surge	Pass	B
EN 61000-4-6:2014 IEC 61000-4-6:2013	Conductive Disturbance	Pass	A
EN 61000-4-8:2010 IEC 61000-4-8:2009	Power Frequency Magnetic Field	Pass	A
EN 61000-4-11:2004 IEC 61000-4-11:2004	Voltage Dips / Short Interruption and Voltage Variation		
	>95% in 0.5 period	Pass	B
	30% in 25 period	Pass	C
	>95% in 250 period	Pass	C

<to be continued>

Standard	Description	Results
EN 61000-3-2:2014 IEC 61000-3-2:2014	Limits for harmonics current emissions	Pass
EN 61000-3-3:2013 IEC 61000-3-3:2013	Limits for voltage fluctuations and flicker in low-voltage supply systems.	Pass

*We, Phihong Technology Co., Ltd, hereby declare that the equipment bearing the trade name and model number specified above was tested conforming to the applicable Rules under the most accurate measurement standards possible, and that all the necessary steps have been taken and are in force to assure that production units of the same equipment will continue to comply with the requirements.*

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Phihong Technology Co., Ltd

**Date: November 26, 2015**