PRODUCT SAFETY ENGINEERING, INC.
9F-1, No. 80, Sec. 2, Guang Fu Rd., San Chung Dist., New Taipei City 241, Taiwan
TEL : +886-2-85123188 FAX : +886-2-29959169 E-MAIL: service@psemail.com.tw

LVD Report

ICP DAS Co., Ltd.

PM-311x-yyyzzzz

(x can be 2 or 4; yyy can be 100, 160 or 240; zzzz can be -CAN, -CPS, -MTCP or blank)

Report No. PSE103-0241

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PSE INC. TAIWAN
9F-1, No. 80, Sec. 2, Guang Fu Rd., San Chung Dist.,
New Taipei City 241, Taiwan
Tel:+886-2-85123188 Fax:+886-2-29959169

Certificate of Compliance

Low Voltage Directive 2006/95/EC

Certificate Number:	PSE103-0238
Applicant:	ICP DAS Co., Ltd. No. 111, Guangfu N. Rd., Hukou Township, Hsinchu County 30351, Taiwan, R.O.C.
Product:	Smart Power Meter
Model/Type:	PM-311x-yyyzzzz (x can be 2 or 4; yyy can be 100, 160 or 240; zzzz can be -CAN, -CPS, -MTCP or blank)
Electrical Rating:	For Power input: 12-48V⎓ 0.2A (For all models) For Measurement: 1) 10-300V~, 50-60Hz, Max. 200A, CAT III (PM-311x-240zzzz) 2) 10-300V~, 50-60Hz, Max. 100A, CAT III (PM-311x-160zzzz) 3) 10-300V~, 50-60Hz, Max. 60A, CAT III (PM-311x-100zzzz)
Trade Mark:	ICP DAS
Specification:	
Standards applied:	IEC/EN 61010-2-030: 2010 (First Edition) used in conjunction with IEC/EN 61010-1: 2010 (Third Edition) IEC/EN 61010-2-032: 2012 (Third Edition) used in conjunction with IEC/EN 61010-1: 2010 (Third Edition)

The tested samples of the above products are in conformity with the technical provisions of the Following European Directive

- Low Voltage Directive 2006/95/EC -

Date Issued: 2014-06-23

Approve & Authorized Signer:

Jeff Chang

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EU Declaration of Conformity

According to the Low Voltage Directive 2006/95/EC

For the following equipment:	
Product:	Smart Power Meter
Type Designation/Trademark:	PM-311x-yyyzzzz (x can be 2 or 4; yyy can be 100, 160 or 240; zzzz can be -CAN, -CPS, -MTCP or blank)
Manufacturer's Name:	ICP DAS Co., Ltd.
Manufacturer's Address:	No. 111, Guangfu N. Rd., Hukou Township, Hsinchu County 30351, Taiwan, R.O.C.

Is herewith confirmed to comply with the requirements set out in the Council Directive 2006/95/EC for electrical equipment used within certain voltage limits. For the evaluation of the compliance with this Directives, the following standards were applied:

IEC/EN 61010-2-030: 2010 (First Edition) used in conjunction with IEC/EN 61010-1: 2010 (Third Edition)
IEC/EN 61010-2-032: 2012 (Third Edition) used in conjunction with IEC/EN 61010-1: 2010 (Third Edition)

Responsible for making this declaration is the :

Manufacturer ☐ Authorized representative established within the EU ☐

Authorized representative established within the EU (if applicable) :

Company Name: _____

Company Address: _____

_____

Person responsible for making this declaration:

Name, Surname : _____

Position/Title : _____

_____

_____ _____ _____

(Place) **(Date)** **(Company stamp and legal signature)**

TEST REPORT

IEC 61010-1

Safety requirements for electrical equipment for measurement, control, and laboratory use
Part 1: General requirements

Report Number. ..... :	PSE103-0241
Date of issue ..... :	2014-06-23
Total number of pages ..... :	105
Applicant's name ..... :	ICP DAS Co., Ltd.
Address ..... :	No. 111, Guangfu N. Rd., Hukou Township, Hsinchu County 30351, Taiwan, R.O.C.
Test specification:	
Standard ..... :	IEC/EN 61010-2-030: 2010 (First Edition) used in conjunction with IEC/EN 61010-1: 2010 (Third Edition) IEC/EN 61010-2-032: 2012 (Third Edition) used in conjunction with IEC/EN 61010-1: 2010 (Third Edition)
Test procedure ..... :	LVD of CE
Non-standard test method ..... :	
Test Report Form No. ..... :	IEC61010_1J
Test Report Form(s) Originator .... :	VDE Testing and Certification Institute
Master TRF ..... :	2013-11

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If this Test Report Form is used by non-IECEE members, the IECEE/IEC logo and the reference to the CB Scheme procedure shall be removed.

This report is not valid as a CB Test Report unless signed by an approved CB Testing Laboratory and appended to a CB Test Certificate issued by an NCB in accordance with IECEE 02.

Test item description ..... :	Smart Power Meter
Trade Mark ..... :	ICP DAS
Manufacturer ..... :	ICP DAS Co., Ltd. No. 111, Guangfu N. Rd., Hukou Township, Hsinchu County 30351, Taiwan, R.O.C.
Model/Type reference ..... :	PM-311x-yyyzzzz (where x for loops can be 2 for 2 loops or 4 for 4 loops; yyyy for CT size and current rating can be 100 for 60A, 160 for 100A or 240 for 200A; zzzz for communication can be –CAN for CAN bus, -CPS for CANopen, -MTCP for Modbus TCP or blank for RS-485)
Ratings ..... :	For Power input: 12-48V⎓ 0.2A (For all models) For Measurement: 10-300V~, 50-60Hz, Max. 200A, CAT III (PM-311x-240zzzz) 10-300V~, 50-60Hz, Max. 100A, CAT III (PM-311x-160zzzz) 10-300V~, 50-60Hz, Max. 60A, CAT III (PM-311x-100zzzz)

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Testing procedure and testing location:	
☐ **CB Testing Laboratory:**	
Testing location/ address ..... :	
☐ **Associated CB Laboratory:**	
Testing location/ address ..... :	PSE INC. TAIWAN / 9F-1, No. 80, Sec. 2, Guang Fu Rd., San Chung Dist., New Taipei City 241, Taiwan
Tested by (name + signature) ..... :	Jacky Hsu 
Approved by (name + signature) .... :	Jeff Chang 
☐ **Testing procedure: TMP**	
Testing location/ address ..... :	
Tested by (name + signature) ..... :	
Approved by (name + signature) .... :	
☐ **Testing procedure: WMT**	
Testing location/ address ..... :	
Tested by (name + signature) ..... :	
Witnessed by (name + signature)... :	
Approved by (name + signature) .... :	
☐ **Testing procedure: SMT**	
Testing location/ address ..... :	
Tested by (name + signature) ..... :	
Approved by (name + signature) .... :	
Supervised by (name + signature) . :	
☐ **Testing procedure: RMT**	
Testing location/ address ..... :	
Tested by (name + signature) ..... :	
Approved by (name + signature) .... :	
Supervised by (name + signature) . :	

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