



PRODUCT SAFETY ENGINEERING, INC.

9F-1, No. 80, Sec. 2, Guang Fu Rd., San Chung Dist., New Taipei City 241, Taiwan

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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



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 $\overline{\sim}$ 0.2A (For all models)
For Measurement:
1) 10-300V $\overline{\sim}$, 50-60Hz, Max. 200A, CAT III (PM-
311x-240zzzz)
2) 10-300V $\overline{\sim}$, 50-60Hz, Max. 100A, CAT III (PM-
311x-160zzzz)
3) 10-300V $\overline{\sim}$, 50-60Hz, Max. 60A, CAT III (PM-
311x-100zzzz)

Trade Mark: 

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



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**Copyright © 2013 Worldwide System for Conformity Testing and Certification of Electrotechnical
Equipment and Components (IECEE), Geneva, Switzerland. All rights reserved.**

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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** : **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; yyy 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 $\overline{\text{---}}$ 0.2A (For all models)
For Measurement:
10-300V \sim , 50-60Hz, Max. 200A, CAT III (PM-311x-240zzzz)
10-300V \sim , 50-60Hz, Max. 100A, CAT III (PM-311x-160zzzz)
10-300V \sim , 50-60Hz, Max. 60A, CAT III (PM-311x-100zzzz)

Testing procedure and testing location:	
<input type="checkbox"/> CB Testing Laboratory: Testing location/ address :	
<input type="checkbox"/> 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 <div style="text-align: right; margin-top: 10px;">  </div>
Approved by (name + signature) :	Jeff Chang <div style="text-align: right; margin-top: 10px;">  </div>
<input type="checkbox"/> Testing procedure: TMP Testing location/ address : Tested by (name + signature) : Approved by (name + signature) :	
<input type="checkbox"/> Testing procedure: WMT Testing location/ address : Tested by (name + signature) : Witnessed by (name + signature) ... : Approved by (name + signature) :	
<input type="checkbox"/> Testing procedure: SMT Testing location/ address : Tested by (name + signature) : Approved by (name + signature) : Supervised by (name + signature) . :	
<input type="checkbox"/> Testing procedure: RMT Testing location/ address : Tested by (name + signature) : Approved by (name + signature) : Supervised by (name + signature) . :	