

## Certification No. 2106

This is to certify that the metering equipment identified as:

**Type: MA309MH4LAT Active firmware(s): Id=20000901 Id=21003304 Id=09600503**

**Id=4857312E3120535730312E3031000000000000000000000000**

**Mgmt. SAP = 1 is "4B464D313130303130303030303134" (KFM1100100000014)**

**Manufactured by: ShenZhen Kaifa Technology(Chengdu)Co.,Ltd.**

has successfully passed the DLMS/COSEM Conformance test, under the following conditions:

- CTT version: CTT 3.1 standard edition, 64bits, release 107
- Licensed to: 20170421\_Shenzhen\_Kaifa\_Technology\_Chengdu\_Co\_Ltd\_Shenzen\_CHINA (2017/4/21)
- COSEM object definitions file version: Object\_defs\_v3.3\_released\_180601.dat
- Media identifier(s): Abstract, Electricity
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Tests	Comm. profile & opening mode	Application contexts	Security features	Date and time	Test Result hash value
Test 1	HDLCL, DIRECT_HDLCL	LONG_NAMES, LONG_NAMES_ WITH_ CIPHERING	GENERAL_CIPHERING_WITH_ IDENTIFIED_KEY GENERAL_GLO_CIPHERING, GENERAL_SIGNING SUITE_1, SECURITY_ACTIVATE, KEY_TRANSFER	24-APR-2019 16:01:50	78A73D94613707ABB694BD 884CC83EA0EF1E18C158AF B7F1185172B3C8DE3562

The authenticity of the test report(s) has been verified by the DLMS User Association and the metering equipment identified above is listed on its web site at: [www.dlms.com](http://www.dlms.com).

With this, the manufacturer is entitled to display the DLMS/COSEM Compliant mark – shown below – on its product duly identified and on its product literature.



The test reports are filed by the DLMS UA. Copies are available from the manufacturer.

This Certificate is only valid for the functions successfully tested; see the Summary. The test has been executed on one specimen of the product, as identified by the Management Logical Device Name reported. Results may not be applicable for other test specimens.

Date: Zug, the 7<sup>th</sup> May 2019

*[Signature]*

Gyöző Kmethy  
President

*[Signature]*

Viktória Varjú Timárné  
Certification Engineer

