

Certification No. 1858

This is to certify that the metering equipment identified as:

Type: LY-SM100

Mgmt. Logical Device Name: SAP = 1 is "4C5945303737393939393939" (LYE077999999)

Manufactured by: LINYANG.

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

- CTT version: CTT 3.0 standard edition, 64bits (105)
- Licensed to: 20161118_Jiangsu_Linyang_Energy_Co_Ltd_Qidong_China (11/18 星期五)
- COSEM object definitions file version: Object_defs_v2.10_released_GKVV151112.dat
- Media identifier(s): Abstract, Electricity

Tests	Comm. profile & opening mode	Application contexts	Security features	Date and time	Test Result hash value
Test 1	HDLC, DIRECT_HDLC	LONG_NAMES	—	08-AUG-2017 11:03:31	1CECA9CC27FB1552BDACFAE5A717151687 F11F567AB90BB51F2CE36EB61EAD3C
Test 2	TCP	LONG_NAMES	—	08-AUG-2017 20:45:07	497D5D1956ECBB58CA72D876178A707FA43 9CF40FF70243D171F0CA40183A825

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.

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 12th August 2017



Gyöző Kmety
President

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Summary of features tested for Test 1

This section provides an overview of the features tested, aggregated over all logical devices and Application Associations in one test session. Full information is available in the Test Result.

```
*****
* Identification *
*****
```

```
Identification = {
  Manufacturer = "\LINYANG."
  FLAGid = "\LYE"
  Type = "\LY-SM100"
  IUTIsModule = FALSE
  SerialNr = "\077999999"
}
```

```
*****
* Summary *
*****
```

TYPE	TOTAL	SKIPPED	INAPPLICABLE	INCONCLUSIVE	PASSED	FAILED
----	-----	-----	-----	-----	-----	-----
HDLC	36	0	1	0	35	0
APPL	78	0	18	0	60	0
COSEM	1928	0	4	57	1867	0
SYMSEC		All (No association with a ciphered context supporting the required services)				

```
Communication profile:          HDLC

Application context names:      LONG_NAMES

Security mechanisms:            NO_SECURITY,LOW_LEVEL_SECURITY

ACSE and xDLMS features:       GET,SELECTIVE_ACCESS
                                SERVICE_SPECIFIC_BLOCK_TRANSFER,SET

Security features:              (not collected)

Logical device(s) found:       SAP = 1 is "4C5945303737393939393939" (LYE077999999)

COSEM classes tested:          1,3,4,7(1),8,9,11,15(1),17,18,19(1),23(1)
                                41,42,45,46,64,70

COSEM classes found but not tested: (none)
```

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Summary of features tested for Test 2

This section provides an overview of the features tested, aggregated over all logical devices and Application Associations in one test session. Full information is available in the Test Result.

```
*****
* Identification *
*****
```

```
Identification = {
  Manufacturer = "\LINYANG"
  FLAGid = "\LYE"
  Type = "\LY-SM100"
  IUTIsModule = FALSE
  SerialNr = "\077999999"
}
```

```
*****
* Summary *
*****
```

TYPE	TOTAL	SKIPPED	INAPPLICABLE	INCONCLUSIVE	PASSED	FAILED
----	-----	-----	-----	-----	-----	-----
HDLC		All (Communication profile not HDLC)				
APPL	78	0	18	0	60	0
COSEM	1970	0	4	45	1921	0
SYMSEC		All (No association with a ciphered context supporting the required services)				

```
Communication profile:          TCP
Application context names:      LONG_NAMES
Security mechanisms:            NO_SECURITY,LOW_LEVEL_SECURITY
ACSE and xDLMS features:       GET,SELECTIVE_ACCESS
                                SERVICE_SPECIFIC_BLOCK_TRANSFER,SET
Security features:              (not collected)
Logical device(s) found:        SAP = 1 is "4C5945303737393939393939" (LYE077999999)
COSEM classes tested:           1,3,4,7(1),8,9,11,15(1),17,18,19(1),23(1)
                                41,42,45,46,64,70
COSEM classes found but not tested: (none)
```