

Certification No. 2533	Applicant: JIANGSU LINYANG ENERGY CO.,LTD Issued to: JIANGSU LINYANG ENERGY CO.,LTD
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On the request of the applicant the DLMS UA certifies hereby that the product identified below has successfully passed the DLMS/COSEM Conformance tests under the following conditions:

Product	Type		SM100		
		Active firmware ID	Id=SM100_RF_DC_APP_V0001_210308		
	Management LDN (SAP = 1)	" 4C594531303231393132333435363738" (LYE1021912345678)			
	Manufacturer	JIANGSU LINYANG ENERGY CO.,LTD			
Test tool	CTT version		CTT 3.1 standard edition, release 108, update 2		
	Licensed to		20161118_Jiangsu_Linyang_Energy_Co_Ltd_Qidong_China (2016/11/18)		
	COSEM object definitions		Object_defs_v3.6_Released_20200825.dat		
	Media Identifiers		Abstract, Electricity		
Test	Communication profile	Application contexts	Security features	Date and time	Test Result hash value
1	DIRECT_HDLC	LONG_NAMES, LONG_NAMES_ WITH_CIPHERING	SERVICE_SPECIFIC_GLO_ CIPHERING, SUITE_0 SECURITY_ACTIVATE, KEY_TRANSFER	25-MAR-2021 14:47:54	17727CF3D530A67571EF34662DFF3627C 8C9A30DD4B227E40DF92766B31851A5
The test reports are filed by the DLMS UA. Copies are available from the manufacturer.					

The authenticity and correctness of the test report(s) submitted have been verified by the DLMS UA. With this, the applicant / manufacturer is entitled to claim that its product is compliant to the DLMS/COSEM specification and is entitled to display the DLMS/COSEM Compliant mark on the product and in its product literature. The product identified above is listed at: <https://www.dlms.com>.



This Certification is valid for the functions successfully tested and summarized below. The tests have been executed on one specimen of the product, as identified by the Management LDN reported. Results may not be applicable for other test specimens.

Date: Sursee, the 13th April 2021



Sergio Lazzarotto
Executive Director and President



Viktória Varjú
Certification Engineer

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 = "\JIANGSU LINYANG ENERGY CO.,LTD"
  FLAGid = "\LYE"
  Type = "\SM100"
  SerialNr = "12345678"
  Comment = "\Client ID:0x10,0x20"
  Applicant = "\JIANGSU LINYANG ENERGY CO.,LTD"
}
```

* Summary *

TYPE	TOTAL	SKIPPED	INAPPLICABLE	INCONCLUSIVE	PASSED	FAILED
----	-----	-----	-----	-----	-----	-----
HDLC	34	0	1	0	33	0
APPL	75	0	18	0	57	0
SecMsg	20	0	8	0	12	0
COSEM	973	0	3	30	940	0
SymKey	36	0	10	0	26	0
DP	0	0	0	0	0	0
GBT		All (No association with the required properties)				
PubCert		All (No ciphered association with the required properties)				
SecPol	10	0	4	0	6	0

```
Communication profile:          HDLC

Application context names:      LONG_NAMES, LONG_NAMES_WITH_CIPHERING

Authentication mechanisms:      NO_SECURITY, HIGH_LEVEL_SECURITY_GMAC

ACSE and xDLMS features:        ACTION, GET, RLRQ_RLRE, SELECTIVE_ACCESS
                                  SERVICE_SPECIFIC_BLOCK_TRANSFER, SET

Security features:              SERVICE_SPECIFIC_GLO_CIPHERING, SUITE_0
                                  SECURITY_ACTIVATE, KEY_TRANSFER

Data protection features:        (not collected)

Logical device(s) found:        SAP = 1 is "4C594531303231393132333435363738" (LYE1021912345678)

Active firmware(s):            Id=SM100_RF_DC_APP_V0001_210308

COSEM classes tested:           1, 3, 4, 7(1), 8, 15(1), 18, 64, 70, 71

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