



Certificate of Compliance

Certificate N°:	3798	issue date:	August 27th, 2026
Applicant:	BUYI TECHNOLOGY CO., LIMITED BUILD. #19, the belt and road industrial park Bei Gou Street, Xin Yi City - China	Issued to:	BUYI TECHNOLOGY CO., LIMITED BUILD. #19, the belt and road industrial park Bei Gou Street, Xin Yi City - China

The certified product listed below is eligible to bear the DLMS UA Mark shown



PRODUCT

Model:	BY300
Type:	Three Phase Smart Energy Meter
Manufacturer:	BUYI TECHNOLOGY COMPANY LIMITED
S/N°:	00267598

Sergio LAZZAROTTO
President

Toufann Chaudhuri
Executive Director

This Certificate of **Compliance** is based on an evaluation of a test report based on a single test executed on one specimen of the product, as identified by the **Product** data above. This Certificate is issued on the condition that the holder complies and will continue to comply with the licensing requirement and procedures issued by **DLMS UA** .
The authenticity of the test report has been verified by the **DLMS User Association** and the equipment identified above is listed on its web site at: www.dlms.com.



TEST SUMMARY REPORT

Certificate N°: 3798

PRODUCT

Firmware ID:	ID: (1-0:0.2.0.255) 0300 ID: (1-1:0.2.0.255) 0306
Mgmt LDN (SAP = 1) :	SAP = 1 is 0x42555931303530333030323637353938 (BUY1050300267598)
Manufacturer:	BUYI TECHNOLOGY COMPANY LIMITED
Media Identifier:	ABSTRACT, ELECTRICITY_AC
S/N°:	00267598

COMPLIANCE SPECIFICATION

COSEM IF Classes and OBIS Codes:	Blue Book Ed. 17
DLMS/COSEM Protocol:	Green Book Ed. 12

TESTS SPECIFICATION

Test Specification:	ATP_BB17_GB12_rel1.0
Test Tool Version:	DLMSTT 3.0.0.0
Test Tool Licensee:	BUYI TECHNOLOGY CO., LIMITED
COSEM Object definition file:	Object_defs_v17 r1.0
Communication profile:	TCP, HDLC
COSEM classes tested:	1,3,4,5,6,7(1),8,9,11,15(3),17,18,20,21,22,23(1),27(1),28(2) 29(2),40(2),41,42,43,44,45,47(2),64(1),70,71,122
Date of issue:	27-AUG-2026



SUMMARY TCP profile

Certificate N°: 3798
Test File: TR-260827-142659-BUY-TCP-DLMSTT-3.0.0.0-BY300_Report.html
Hash: 1ed24577b92596cdf60dc476ef73b50a8f8fa45c7a61a47a72bad957952a4fc3
Test Script File: TR-260827-142659-BUY-TCP-DLMSTT-3.0.0.0-BY300_CTI.json
Date of issue: 2026-08-27 12:56:02

* Summary *

Test suite	Total	Passed	Failed
Compliance - Application Layer	204	204	0
Compliance - Secure message exchange	68	68	0
Compliance - General Block Transfer	22	22	0
Compliance - COSEM interface objects	1012	1012	0
Compliance - Symmetric keys	167	167	0
Compliance - Public key Certificates	349	349	0
Compliance - Security policy	42	42	0

Communication Profile: TCP

Serial Number: Device ID #1 00267598

Logical Device(s): SAP = 1 is 0x42555931303530333030323637353938 (BUY1050300267598)

Active Firmwares:
ID: (1-0:0.2.0.255) 0300
Signature: (1-0:0.2.8.255) 0xF688377D
ID: (1-1:0.2.0.255) 0306
Signature: (1-1:0.2.8.255) 0x0C58BA9D

Application Context Names: LONG_NAMES, LONG_NAMES_WITH_CIPHERING

Authentication Mechanisms: HIGH_LEVEL_SECURITY_ECDSA, HIGH_LEVEL_SECURITY_GMAC
HIGH_LEVEL_SECURITY_SHA256, NO_SECURITY

ACSE and xDLMS Features: ACCESS, ACTION, GBT_STREAMING, GENERAL_BLOCK_TRANSFER, GET
MULTIPLE_REFERENCES
PROFILE_BUFFER_SELECTIVE_ACCESS_BY_ENTRY
PROFILE_BUFFER_SELECTIVE_ACCESS_BY_RANGE
RLRQ_RLRE, SERVICE_SPECIFIC_BLOCK_TRANSFER, SET

Security Features: CERTIFICATES
GENERAL_CIPHERING_WITH_AGREED_ONE_PASS_DH
GENERAL_CIPHERING_WITH_AGREED_STATIC_UNIFIED
GENERAL_CIPHERING_WITH_IDENTIFIED_KEY
GENERAL_CIPHERING_WITH_WRAPPED_KEY
GENERAL_DED_CIPHERING, GENERAL_GLO_CIPHERING
GENERAL_SIGNING, KEY_AGREEMENT, KEY_TRANSFER
SECURITY_ACTIVATE
SERVICE_SPECIFIC_GLO_CIPHERING
SUITE_1



SUMMARY HDLC profile

Certificate N°: 3798
Test File: TR-260827-151056-BUY-HDLC-DLMSTT-3.0.0.0-BY300_Report.html
Hash: 6c54e085c5f009ec0ebaa1f0a170fbe9c418271d5649396421d284ceaccdd09f
Test Script File: TR-260827-151056-BUY-HDLC-DLMSTT-3.0.0.0-BY300_CTI.json
Date of issue: 2026-08-27 14:33:10

* Summary *

Test suite	Total	Passed	Failed
Compliance - HDLC based data link layer	31	31	0
Compliance - Application Layer	178	178	0
Compliance - Secure message exchange	68	68	0
Compliance - COSEM interface objects	1012	1012	0
Compliance - Symmetric keys	167	167	0
Compliance - Public key Certificates	349	349	0
Compliance - Security policy	42	42	0

Communication Profile: HDLC

Serial Number: Device ID #1 00267598

Logical Device(s): SAP = 1 is 0x42555931303530333030323637353938 (BUY1050300267598)

Active Firmwares:
ID: (1-0:0.2.0.255) 0300
Signature: (1-0:0.2.8.255) 0xF688377D
ID: (1-1:0.2.0.255) 0306
Signature: (1-1:0.2.8.255) 0x0C58BA9D

Application Context Names: LONG_NAMES, LONG_NAMES_WITH_CIPHERING

Authentication Mechanisms: HIGH_LEVEL_SECURITY_ECDSA, HIGH_LEVEL_SECURITY_GMAC
HIGH_LEVEL_SECURITY_SHA256, NO_SECURITY

ACSE and xDLMS Features: ACCESS, ACTION, GET, MULTIPLE_REFERENCES
PROFILE_BUFFER_SELECTIVE_ACCESS_BY_ENTRY
PROFILE_BUFFER_SELECTIVE_ACCESS_BY_RANGE
RLRQ_RLRE, SERVICE_SPECIFIC_BLOCK_TRANSFER, SET

Security Features: CERTIFICATES
GENERAL_CIPHERING_WITH_AGREED_ONE_PASS_DH
GENERAL_CIPHERING_WITH_AGREED_STATIC_UNIFIED
GENERAL_CIPHERING_WITH_IDENTIFIED_KEY
GENERAL_CIPHERING_WITH_WRAPPED_KEY
GENERAL_DED_CIPHERING
GENERAL_GLO_CIPHERING
GENERAL_SIGNING, KEY_AGREEMENT, KEY_TRANSFER
SECURITY_ACTIVATE
SERVICE_SPECIFIC_GLO_CIPHERING
SUITE_1