

**BAY AREA COMPLIANCE LABORATORIES CORP.
INNOVATION, SCIENCE & ECONOMIC DEVELOPMENT CANADA
CERTIFICATE OF COMPLIANCE**

Bay Area Compliance Laboratories Corp. (BACL) certifies that the apparatus detailed below complies with all applicable requirements of the stated specifications

Certificate Number: B1801179

Certification Number: 20481-ECUR

Certificate Holder: Altenergy Power System Inc.
No. 1, Yatai Road, Jiaxing Zhejiang 314050, China

Model Name/Number: ECU-R

Type of Equipment: Spread Spectrum/Digital Device (2400-2483.5 MHz), Wi-Fi Device

ISED Specifications: RSS-247, Issue 2, Feb 2017

Test Laboratory: Bay Area Compliance Laboratories Corp. (Kunshan)
No. 248 Chenghu Road, Kunshan Development Zone,
Kunshan, Jiangsu, China
Tel: +86 (512) 8617-5000, Fax: +86 (512) 8893-4268

ISED Test Lab O.A.T.S.: 3062E-1

Frequency Range: ZigBee: 2405-2480 MHz
Wi-Fi: 2412-2462 MHz, 2422-2452 MHz

Output Power (Conducted): ZigBee: 0.005 W
Wi-Fi: 0.047 W (802.11b), 0.038 W (802.11g),
0.032 W (802.11n20), 0.03 W (802.11n40)

Antenna Information: ZigBee: PR-SMA Dipole Antenna, 2.5 dBi
Wi-Fi: FPC Antenna, 3.0 dBi

Emission Designation: ZigBee: 2M60G1D
Wi-Fi: 14M3G1D, 16M5D1D, 17M5D1D, 36M1D1D

Certification of equipment means only that the equipment has met the requirements of the above noted specification. License applications, where applicable to use certified equipment, are acted on accordingly by the issuing office and will depend on the existing radio environment, service and location of operation. This certificate is issued on condition that the holder complies and will continue to comply with the requirements and procedures issued by ISED/La certification du matériel signifie seulement que le matériel a satisfait aux exigences de la norme indiquée ci-dessus. Les demandes de licences nécessaires pour l'utilisation du matériel certifié sont traitées en conséquence par le bureau de délivrance et dépendent des conditions radio ambiantes, du service et de l'emplacement d'exploitation. Le présent certificat est délivré à la condition que le titulaire satisfasse et continue de satisfaire aux exigences et aux procédures d'ISED.

Authorized by: *Daniel Deng*

Daniel Deng, Certifier

Bay Area Compliance Laboratories Corp.
1274 Anvilwood Avenue,
Sunnyvale, CA 94089, USA



Date of Issue: 2018-02-04

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CI008-E



**BAY AREA COMPLIANCE LABORATORIES CORP.
CERTIFICATE OF COMPLIANCE**

INNOVATION, SCIENCE & ECONOMIC DEVELOPMENT CANADA

Bay Area Compliance Laboratories Corp. (BACL) certifies that the apparatus detailed below complies with all applicable requirements of the stated specifications

TAC Identifier:	<u>B21010816</u>
Certification Number:	<u>20481-ECU</u>
Certificate Holder:	<u>Altenergy Power System Inc. No. 1, Yatai Road, Jiaxing, Zhejiang 314050, China</u>
Type of Equipment:	<u>Wi-Fi Devices, Spread Spectrum/Digital Device (2400-2483.5 MHz)</u>
PMN:	<u>Energy Communication Unit</u>
HMN:	<u>N/A</u>
HVIN:	<u>ECU-B, LCU</u>
FVIN:	<u>N/A</u>
ISED Specifications:	<u>RSS-247, Issue 2, Feb 2017</u>
Test Laboratory:	<u>Bay Area Compliance Laboratories Corp. (Kunshan) No. 248 Chenghu Road, Kunshan Development Zone, Kunshan, Jiangsu, China</u>
ISED Test Lab #:	<u>3062E-2</u>
Technical Specifications:	<u>Please refer to Annex A</u>

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Authorized by: 

Daniel Deng, Certifier
I hereby attest that the subject equipment was tested and found in compliance with the above-noted specification. / J'atteste, par la présente, que le matériel a fait l'objet d'essai et a été jugé conforme à la spécification ci-dessus.

Bay Area Compliance Laboratories Corp.
 1274 Anvilwood Avenue,
 Sunnyvale, CA 94089, USA



Date of Issue: 2021-01-26

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CI008-J



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ANNEX A TO CERTIFICATE

CB Identifier	TAC Identifier	Certification No.	Issue Date
US0057	B21010816	20481-ECU	2021-01-26

TECHNICAL PARAMETERS

Frequency Range (MHz)		RF Power (Watt)	Emission Bandwidth (kHz)	Emission Designators
Lower	Upper			
2412	2462	0.020	13948	13M9G1D
2412	2462	0.055	16954	17M0D1D
2412	2462	0.057	18096	18M1D1D
2405	2480	0.012	2597	2M60G1D
Antenna Information	ZigBee: Omni Dipole Antenna, 2.0 dBi Wi-Fi: Omni Dipole Antenna, 2.0 dBi			

REMARKS AND COMMENTS/REMARQUES ET COMMENTAIRES

This certificate has no validity if the Certification No. shown above is not listed in the REL.

***** END OF ANNEX A *****

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ATTESTATION OF CONFORMITY

Attestation Number: AOCRSHF201207001-08

Date of Issue:2021-01-28

Client:

Company name: Altenergy Power System Inc.
Address: No.1, Yatai Road, Jiaxing Zhejiang, 314050 P.R. China

Product:

Name: Energy Communication Unit
Model(s): ECU-R、ECU-B、LCU
Brand: N/A
Manufacturer & Address: Altenergy Power System Inc.
No.1, Yatai Road, Jiaxing Zhejiang, 314050 P.R. China

Trade Mark:



Bay Area Compliance Laboratories Corp. (Kunshan) hereby declares that the submitted sample(s) of the above equipment has been tested for Canadian Department of Industry rules and in accordance with the following standards:

Standards	Test Report Number
ICES-003, Issue 7	RSHF201207001-08C

Attestation by:

Lab. Manager: Oscar Ye

Signature: