



2030.5 CSIP

**CERTIFIED**

**THE SUNSPEC ALLIANCE HEREBY CERTIFIES THAT**

**Altenergy Power System Inc.**

Has been issued this SunSpec Certified Product Award for Successful Testing and Certification of the

**PRODUCT NAME**

ECU and APstorage

**PRODUCT MODELS**

ECU-R  
ECU-C  
APstorage

**SUNSPEC DEVICE CATEGORY**

Client

**AUTHORIZED TEST LABORATORY**

CSA Group

**TESTING DATE**

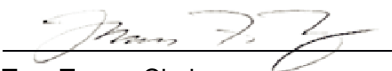
January 14, 2020

**AWARDED ON**

January 28, 2020

**CERTIFICATE NUMBER**

CS-000012

  
Tom Tansy, Chairman



**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*

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



Bay Area Compliance Laboratories Corp. (BACL)  
 1274 Anvilwood Avenue, Sunnyvale, CA 94089, USA  
 Tel: 1 (408) 732-9162 Fax: 1 (408) 732-9164 Web: www.baclcorp.com



**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 \*\*\*\*\*

Bay Area Compliance Laboratories Corp. (BACL)  
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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:





2030.5 CSIP

**CERTIFIED**

**THE SUNSPEC ALLIANCE HEREBY CERTIFIES THAT**

**Altenergy Power System Inc.**

Has been issued this SunSpec Certified Product Award for Successful Testing and Certification of the

**PRODUCT NAME**

ECU and APstorage

**PRODUCT MODELS**

ECU-R  
ECU-C  
APstorage

**SUNSPEC DEVICE CATEGORY**

Client

**AUTHORIZED TEST LABORATORY**

CSA Group

**TESTING DATE**

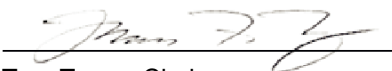
January 14, 2020

**AWARDED ON**

January 28, 2020

**CERTIFICATE NUMBER**

CS-000012

  
Tom Tansy, Chairman

