



CCIC Southern Electronic Product Testing (Shenzhen) Co., Ltd.

IC VERIFICATION

CERTIFICATE NO.: SET2015-12117

Product: Photovoltaic Grid-connected Inverter
Model: YC500A, YC500I, YC250A, YC250I
Applicant: Altenergy Power System Inc.
Address: No.1 Yatai Road 314050 Jiaxing, Zhejiang Province, People's Republic of China

This is to certify that, on the basis of the tests undertaken as per Report No. **SET2015-12117**, the submitted sample of the above item complies with:

ICES-003, Class B

Signed for and on behalf of
CCIC Southern Electronic Product Testing (Shenzhen) Co., Ltd. (CCIC-SET)

Wu Li An, Vice Director



Date of Issue: Aug. 31, 2015

CCIC Southern Electronic Product Testing (Shenzhen) Co., Ltd.

Building 28/29, Shigudong, Xili Industrial Area, Xili Street, Nanshan District,

Shenzhen, Guangdong, China

Tel: 86-755-26627338 Fax: 86-755-26627238 <http://www.ccic-set.com>



CCIC Southern Electronic Product Testing (Shenzhen) Co., Ltd.

FCC VERIFICATION

CERTIFICATE NO.: SET2015-11931

Product: Photovoltaic Grid-connected Inverter
Model: YC500A, YC500I, YC250A, YC250I
Applicant: Altenergy Power System Inc.
Address: No.1 Yatai Road 314050 Jiaxing, Zhejiang Province, People's Republic of China

This is to certify that, on the basis of the tests undertaken as per Report No. **SET2015-11931**, the submitted sample of the above item complies with:

FCC Part 15, Class B

Signed for and on behalf of
CCIC Southern Electronic Product Testing (Shenzhen) Co., Ltd. (CCIC-SET)

Wu Li An, Vice Director



Date of Issue: Aug. 31, 2015

CCIC Southern Electronic Product Testing (Shenzhen) Co., Ltd.

Building 28/29, Shigudong, Xili Industrial Area, Xili Street, Nanshan District,

Shenzhen, Guangdong, China

Tel: 86-755-26627338 Fax: 86-755-26627238 <http://www.ccic-set.com>

This authorizes the application of the Certification Mark(s) shown below to the models described in the Product(s) Covered section when made in accordance with the conditions set forth in the Certification Agreement and Listing Report. This authorization also applies to multiple listee model(s) identified on the correlation page of the Listing Report.

This document is the property of Intertek Testing Services and is not transferable. The certification mark(s) may be applied only at the location of the Party Authorized To Apply Mark.

Applicant: Altenergy Power System Inc.
Address: No.1, Yatai Road, Jiaxing 314050 P.R.
 China
Country: China
Contact: Mr. Jiang Guofeng
Phone: 86 573 83708108
FAX: 86 573 83986966
Email: guofeng.jiang@altenergy-power.com

Manufacturer: Altenergy Power System Inc.
Address: No.1, Yatai Road, Jiaxing 314050 P.R.
 China
Country: China
Contact: Mr. Jiang Guofeng
Phone: 86 573 83708108
FAX: 86 573 83986966
Email: guofeng.jiang@altenergy-power.com

Party Authorized To Apply Mark: Same as Manufacturer
Report Issuing Office: Intertek Testing Services Shanghai.

Control Number: 4004037

Authorized by: 
 William T. Starr, Certification Manager



This document supersedes all previous Authorizations to Mark for the noted Report Number.

This Authorization to Mark is for the exclusive use of Intertek's Client and is provided pursuant to the Certification agreement between Intertek and its Client. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this Authorization to Mark. Only the Client is authorized to permit copying or distribution of this Authorization to Mark and then only in its entirety. Use of Intertek's Certification mark is restricted to the conditions laid out in the agreement and in this Authorization to Mark. Any further use of the Intertek name for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek. Initial Factory Assessments and Follow up Services are for the purpose of assuring appropriate usage of the Certification mark in accordance with the agreement, they are not for the purposes of production quality control and do not relieve the Client of their obligations in this respect.

Intertek Testing Services NA Inc.
 165 Main Street, Cortland, NY 13045
 Telephone 800-345-3851 or 607-753-6711 Fax 607-756-6699

Standard(s):	UL Standard for Inverters, Converters, Controllers and Interconnection System Equipment for Use With Distributed Energy Resources, UL 1741, Second Edition, January 28, 2010 & General Use Power Supplies, CSA C22.2 No.107.1-01 dated September, 2001, Reaffirmed 2006.
Product:	Photovoltaic Grid-connected Inverter
Brand Name:	APS
Models:	YC250A, YC250I, YC500A, YC500I.

This authorizes the application of the Certification Mark(s) shown below to the models described in the Product(s) Covered section when made in accordance with the conditions set forth in the Certification Agreement and Listing Report. This authorization also applies to multiple listee model(s) identified on the correlation page of the Listing Report.

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Applicant: Altenergy Power System Inc.
Address: No.1, Yatai Road, Jiaxing 314050 P.R. China
Country: China
Contact: Mr. Jiang Guofeng
Phone: 86 573 83708108
FAX: 86 573 83986966
Email: guofeng.jiang@altenergy-power.com

Manufacturer: Samson solar, LLC
Address: 1015 Hostmark Street Suite 104 Poulsbo, Washington 98370 USA
Country: USA
Contact: Kelly Samson
Phone: 1-206 842-0325
FAX: 1-206 842-3676
Email: ksamson@itekenergy.com

Party Authorized To Apply Mark: Same as Manufacturer
Report Issuing Office: Intertek Testing Services Shanghai.

Control Number: 4004903

Authorized by: 
 William T. Starr, Certification Manager



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Intertek Testing Services NA Inc.
 165 Main Street, Cortland, NY 13045
 Telephone 800-345-3851 or 607-753-6711 Fax 607-756-6699

Standard(s):	UL Standard for Inverters, Converters, Controllers and Interconnection System Equipment for Use With Distributed Energy Resources, UL 1741, Second Edition, January 28, 2010 & General Use Power Supplies, CSA C22.2 No.107.1-01 dated September, 2001, Reaffirmed 2006.
Product:	Photovoltaic Grid-connected Inverter
Brand Name:	APS
Models:	YC250A, YC250I, YC500A, YC500I.



AUTHORIZATION TO MARK

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Applicant: Altenergy Power System Inc.
Address: No.1, Yatai Road, Jiaxing 314050 P.R. China
Country: China
Contact: Mr. Jiang Guofeng
Phone: 86 573 83708108
FAX: 86 573 83986966
Email: guofeng.jiang@altenergy-power.com

Manufacturer: Altenergy Power System Inc.
Address: No.1, Yatai Road, Jiaxing 314050 P.R. China
Country: China
Contact: Mr. Jiang Guofeng
Phone: 86 573 83708108
FAX: 86 573 83986966
Email: guofeng.jiang@altenergy-power.com

Party Authorized To Apply Mark: Same as Manufacturer
Report Issuing Office: Intertek Testing Services Shanghai

Control Number: 4004037

Authorized by: _____
Thomas J. Patterson, Certification Manager



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Intertek Testing Services NA Inc.
545 East Algonquin Road, Arlington Heights, IL 60005
Telephone 800-345-3851 or 847-439-5667 Fax 312-283-1672

Standard(s):	UL Standard for Inverters, Converters, Controllers and Interconnection System Equipment for Use With Distributed Energy Resources, UL 1741, Second Edition, January 28, 2010
Product:	Photovoltaic Grid-connected Inverter
Brand Name:	APS
Models:	YC250A-120A ; YC250I-120A



AUTHORIZATION TO MARK

This authorizes the application of the Certification Mark(s) shown below to the models described in the Product(s) Covered section when made in accordance with the conditions set forth in the Certification Agreement and Listing Report. This authorization also applies to multiple listee model(s) identified on the correlation page of the Listing Report.

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Applicant: Altenergy Power System Inc.	Manufacturer: Samson solar, LLC
Address: No.1, Yatai Road, Jiaxing 314050 P.R. China	Address: 1015 Hostmark Street Suite 104 Poulsbo, Washington 98370 USA
Country: China	Country: USA
Contact: Mr. Jiang Guofeng	Contact: Kelly Samson
Phone: 86 573 83708108	Phone: 1-206 842-0325
FAX: 86 573 83986966	FAX: 1-206 842-3676
Email: guofeng.jiang@altenergy-power.com	Email: ksamson@itekenergy.com

Party Authorized To Apply Mark: Same as Manufacturer
Report Issuing Office: Intertek Testing Services Shanghai

Control Number: 4004903

Authorized by: _____
 Thomas J. Patterson, Certification Manager



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Intertek Testing Services NA Inc.
 545 East Algonquin Road, Arlington Heights, IL 60005
 Telephone 800-345-3851 or 847-439-5667 Fax 312-283-1672

Standard(s):	UL Standard for Inverters, Converters, Controllers and Interconnection System Equipment for Use With Distributed Energy Resources, UL 1741, Second Edition, January 28, 2010
Product:	Photovoltaic Grid-connected Inverter
Brand Name:	APS
Models:	YC250A-120A ; YC250I-120A



Report No.: SET2014-07311

检测
CNAS L1659

FCC TEST REPORT

Report No.: SET2014-06603

Product: Photovoltaic Grid-connected Inverter

Model No. : YC250A-120A, YC250I-120A

Applicant: Altenergy Power System Inc.

Address: No.1 Yatai Road 314050 Jiaxing, Zhejiang Province, People's Republic of China

Issued by: CCIC Southern Electronic Product Testing (Shenzhen)CO., Ltd.

Lab Location: Electronic Testing Building, Shahe Road, Xili, Nanshan District, Shenzhen, 518055, P. R. China

Tel: 86 755 26627338 **Fax:** 86 755 26627238



This test report consists of **15** pages in total. It may be duplicated completely for legal use with the approval of the applicant. It should not be reproduced except in full, without the written approval of our laboratory. The client should not use it to claim product endorsement by CCIC-SET. The test results in the report only apply to the tested sample. The test report shall be invalid without all the signatures of testing engineers, reviewer and approver. Any objections must be raised to CCIC-SET within 15 days since the date when the report is received. It will not be taken into consideration beyond this limit



Letter of Attestation

Document: 2664695

Master Contract: 259077

Project: 2664695

Date Issued: September 26, 2013

Issued to: Altenergy Power System, Inc.
No. 1 Yatai Road
Jiaxing 314050
China
Attention: Mr. Jiang Guofeng

*CSA Group hereby confirms that it has completed an evaluation of
Utility Interactive Photovoltaic Inverters,*

Model No. YC500A, YC500I, YC250A and YC250I

*CSA Group hereby attests that the products identified above and described in CSA test report
2664695 complies with the following standards/tests, to the extent applicable:*

UL 1703:2002 / UL 1741:2010

UL 1703 Sec.35 - Temperature Cycling Test

UL 1703 Sec.36 - Humidity Test

UL 1741Sec.44 - Dielectric Voltage-Withstand Test

UL 1741Sec. 48 - Bonding Path Impedance Test

Notes:

1. Units verified against CSA test report 2664695, dated September 26, 2013.
3. Refer to test report (3 Pages) for test results.

Issued by:

Kyle Song

Issued by Kyle Song, Certifier

Reviewed by Benjamin Liu

THIS LETTER OF ATTESTATION DOES NOT AUTHORIZE THE USE OF THE CSA MARK ON THE SUBJECT PRODUCTS. QUOTATIONS FROM THE TEST REPORT OR THE USE OF THE NAME OF THE CANADIAN STANDARDS ASSOCIATION AND CSA INTERNATIONAL OR ITS REGISTERED TRADEMARK, IN ANY WAY, IS NOT PERMITTED WITHOUT PRIOR WRITTEN CONSENT OF THE CANADIAN STANDARDS ASSOCIATION OR CSA GROUP



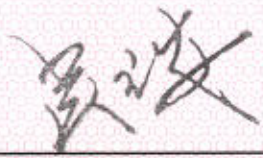
CCIC Southern Electronic Product Testing (Shenzhen) Co.,Ltd.
IC VERIFICATION

Product: Photovoltaic Grid-connected Inverter
Model: YC500A, YC500I
Rating: Maximum Input Current: 12Ax2
MPPT voltage range: 22-45V
AC output: 208V/60Hz, 500W Max
Applicant: Altenergy Power System Inc.
Address: No.1 Yatai Road 314050 Jiaxing, Zhejiang Province, People's Republic of China

This is to certify that, on the basis of the tests undertaken as per Report No. **SET2013-03919**, the submitted sample of the above item complies with:

ICES-003, Class B

Signed for and on behalf of
CCIC Southern Electronic Product Testing (Shenzhen)CO., Ltd.
(CCIC-SET)



Wu Li An, Vice Director



Date of Issue: Jul. 25. 2013.

CCIC Southern Electronic Product Testing (Shenzhen) Co., Ltd.
Electronic Testing Building, Shahe Road Xili, Nanshan District,
Shenzhen, China (pc: 5108055)
Tel: 86-755-26627338 Fax: 86-755-26627238 <http://www.ccic-set.com>



CCIC Southern Electronic Product Testing (Shenzhen) Co.,Ltd.
FCC VERIFICATION

Product: Photovoltaic Grid-connected Inverter
Model: YC500A, YC500I
Rating: Maximum Input Current: 12Ax2
MPPT voltage range: 22-45V
AC output: 208V/60Hz, 500W Max
Applicant: Altenergy Power System Inc.
Address: No.1 Yatai Road 314050 Jiaxing, Zhejiang Province, People's Republic of China

This is to certify that, on the basis of the tests undertaken as per Report No. **SET2013-03075**, the submitted sample of the above item complies with:

FCC Part 15, Class B

Signed for and on behalf of
CCIC Southern Electronic Product Testing (Shenzhen)CO., Ltd.
(CCIC-SET)

Wu Li An, Vice Director



Date of Issue: Jun. 20. 2013.

CCIC Southern Electronic Product Testing (Shenzhen) Co., Ltd.
Electronic Testing Building, Shahe Road Xili, Nanshan District,
Shenzhen, China (pc:5108055)

Tel:86-755-26627338 Fax:86-755-26627238 <http://www.ccic-set.com>

Recomendaciones

CERTIFICACION DE EQUIPO**Datos de localización**

De acuerdo a la información suministrada se solicita la certificación para módulo fotovoltaicos Comercial-Privado, en territorio del Estado Libre Asociado de Puerto Rico, según identificado(s) a continuación:

Correo Electrónico:
padilla@melprogroup.com

Organización:
MELPRO, INC.

DATOS DE EQUIPO CERTIFICADO

Tipo de Equipo: Micro-Inversor
Tipo de Gabinete (NEMA): 3R

Potencia Nominal: 500 W

Marca: APS (ALTENERGY POWER SYSTEM)

Voltaje de Salida: 240-208 VAC

Modelo: YC500A

Eficiencia Máxima: 95.5%

Voltaje Máximo Entrada: 55 VDC

Garantía: Manufactura = 10 años

Seguridad: UL1741
Cert. Núm: 4004037

EDIFICABILIDAD

Los siguientes requerimientos y recomendaciones corresponden a la División de Edificabilidad:

Se recomienda la instalación del equipo de fuente de energía renovable "inversor" sometido ante la OGPe, y evaluado por la Administración de Asuntos Energéticos a tenor con el Reglamento Conjunto para Obras de Construcción y Usos de Terrenos y Reglamento para la Certificación de Sistemas de Energía Renovable, vigentes.

Condiciones especiales

Bajo ninguna circunstancia, deberá interpretar que esta recomendación favorable implique la aprobación de instalación de equipos en un proyecto de construcción, ni que se autorice iniciar obras de construcción de clase alguna, sin el trámite del correspondiente permiso de construcción.

Firmas / Sellos

Fecha de expedición
24 de septiembre de 2014


Arq. Alberto Lastra Power
Director Ejecutivo