



Ref. Certif. No.

CA/14478/CSA

IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST CERTIFICATES FOR ELECTRICAL EQUIPMENT (IECEE) CB SCHEME

SYSTEME CEI D'ACCEPTATION MUTUELLE DE CERTIFICATS D'ESSAIS DES EQUIPEMENTS ELECTRIQUES (IECEE) METHODE OC

CB TEST CERTIFICATE

CERTIFICAT D'ESSAI OC

Product
Produit

CATV Power Supplies with battery backup

Name and address of the applicant
Nom et adresse du demandeur

Alpha Technologies, Inc.,
3767 Alpha Way, Bellingham, WA 98226 USA

Name and address of the manufacturer
Nom et adresse du fabricant

Alpha Technologies, Inc.,
3767 Alpha Way, Bellingham, WA 98226 USA

Name and address of the factory
Nom et adresse de l'usine

Note: When more than one factory, please report on page 2
Note: Lorsque il y plus d'une usine, veuillez utiliser la 2^{ème} page

Additional Information on page 2

Ratings and principal characteristics
Valeurs nominales et caractéristiques principales

Refer to page 2 of Certificate.

Trademark (if any)
Marque de fabrique (si elle existe)



Type of Manufacturer's Testing Laboratories used
Type de programme du laboratoire d'essais constructeur

WMT-053

Model / Type Ref.
Ref. De type

XM3 Series

Additional information (if necessary may also be reported on page 2)
Les informations complémentaires (si nécessaire, peuvent être indiqués sur la 2^{ème} page

This certificate replaces Certificate CAN/13932/CSA dated 2012-01-23

Additional Information on page 2

A sample of the product was tested and found to be in conformity with
Un échantillon de ce produit a été essayé et a été considéré conforme à la

IEC 60950-1:2005 (2nd Edition) and EN 60950-1:2006 + A11:2009. Refer to CB Report for National Deviations.

As shown in the Test Report Ref. No. which forms part of this Certificate
Comme indiqué dans le Rapport d'essais numéro de référence qui constitue partie de ce Certificat

CB 161172-2467760 (2541795)

This CB Test Certificate is issued by the National Certification Body
Ce Certificat d'essai OC est établi par l'Organisme National de Certification



CSA Group

CSA Group, Certification and Testing Division
178 Rexdale Boulevard
Toronto, ON M9W 1R3

Date: 2012-08-13

Signature: Tiki Wong, P. Eng.

Manufacturer declares that samples submitted for evaluation are representative of the products manufactured at each factory below:

Name and address of the factory

- 1) Altair Advanced Industries, Inc., 3765 Alpha Way, Bellingham, WA 98226 USA
- 2) Altair Advanced Industries, Inc., 1075 Satellite Blvd Suite 400, Suwanee, GA 30024 USA
- 3) Dongguan Teamwise Electronic Co.,Ltd., 1 Ao Bei Road, Cross Xiang Xin West Rd, Yantian Fenggang Dongguan, Guangdong China
- 4) Cheng Uei Precision Industry Co Ltd, Junda Industry District, Dong Keng Town, Dongguan, Guangdong China

Models, ratings and principal characteristics

XM3-918HP: Input rated 120 V, 60 Hz, 16 A; output rated 63/89 V ac, 60 Hz, 18 A; Inverter Mode rated 36 V dc, 55 A

XM3-915HP: Input rated 110-127 V, 60 Hz, 16 A; output rated 63/89 V ac, 60 Hz, 15 A; Inverter Mode rated 36 V dc, 45 A

XM3-915M-HP: Input rated 127 V, 60 Hz, 16 A; output rated 63/89 V ac, 60 Hz, 15 A; Inverter Mode rated 36 V dc, 45 A

XM3-910HP: Input rated 110-127 V, 60 Hz, 12 A; output rated 63/89 V ac, 60 Hz, 10 A; Inverter Mode rated 36 V dc, 28 A

XM3-908HP: Input rated 110-127 V, 60 Hz, 10 A; output rated 63/89 V ac, 60 Hz, 8 A; Inverter Mode rated 36 V dc, 28 A

XM3-918P-HP: Input rated 200-240 V, 60 Hz, 12 A; output rated 63/89 V ac, 60 Hz, 18 A; Inverter Mode rated 36 V dc, 55 A

XM3-915P-HP: Input rated 200-240 V, 60 Hz, 12 A; output rated 63/89 V ac, 60 Hz, 15 A; Inverter Mode rated 36 V dc, 45 A

XM3-915E-HP: Input rated 200-240 V, 50 Hz, 10 A; output rated 63/89 V ac, 50 Hz, 22/15 A; Inverter Mode rated 36 V dc, 45 A

XM3-910E-HP: Input rated 200-240 V, 50 Hz, 7 A; output rated 63/89 V ac, 50 Hz, 15/10 A; Inverter Mode rated 36 V dc, 28 A

XM3-622CE-HP: Input rated 200-240 V, 50 Hz, 10 A; 230 V, 50 Hz, 10A; output rated 63 V ac, 50 Hz, 22 A; Inverter Mode rated 36 V dc, 55 A

XM3-615CE-HP: Input rated 200-240 V, 50 Hz, 7 A; 230 V, 50 Hz, 7A; output rated 63 V ac, 50 Hz, 15 A; Inverter Mode rated 36 V dc, 30 A

Additional information (if necessary)
Information complémentaire (si nécessaire)



Date: 2012-08-13

Signature: Tiki Wong, P. Eng.