



Ref. Certif. No.

US-14491-A2-UL

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

DC to DC Converter

Name and address of the applicant
Nom et adresse du demandeur

ULTRAVOLT INC
SUITE 2
1800 OCEAN AVE
RONKONKOMA NY 11779, USA

Name and address of the manufacturer
Nom et adresse du fabricant

ULTRAVOLT INC
SUITE 2
1800 OCEAN AVE
RONKONKOMA NY 11779, USA

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

ULTRAVOLT INC
SUITE 2 1800 OCEAN AVE RONKONKOMA NY 11779
USA

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

Unipolar and Bipolar Models; Input: 24 Vdc; 1025 mA;; See additional Information for output ratings.

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



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

HVA Series
See Page 2

Model / Type Ref.
Ref. De type

Additional Information on page 2

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

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(ed.2)

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

E175165-A7-CB-2 issued on 2014-11-19

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



- UL (US), 333 Pfingsten Rd IL 60062, Northbrook, USA
- UL (Demko), Borupvang 5A DK-2750 Ballerup, DENMARK
- UL (JP), Marunouchi Trust Tower Main Building 6F, 1-8-3 Marunouchi, Chiyoda-ku, Tokyo 100-0005, JAPAN
- UL (CA), 7 Underwriters Road, Toronto, M1R 3B4 Ontario, CANADA

For full legal entity names see www.ul.com/ncbnames

Date: 2014-11-19
Original Issue Date: 2009-11-30

Signature:

Jolanta M. Wroblewska



Ref. Certif. No.

US-14491-A2-UL

Model Details:

HVA Series Model Series is preceded by numeric prefix and may or may not be followed by multiple alpha-numeric suffix(s) indicating non-safety related options.) See Additional Information.

Additional Information:

The original report was modified to include the following changes/additions:
The manufacturer submitted representative production sample(s) of 10HVA, 15HVA and 20HVA Models.

10HVA, 15HVA and 20HVA Models were used for test purposes and are considered representative of the entire series.

Due to similarity of the 10HVA, 15HVA and 20HVA Models to the HVA Series in this report only limited testing was considered necessary.

Additionally evaluated to EN 60950-1:2006 / A11:2009 / A1:2010 / A12:2011; National Differences specified in the CB Test Report.

Additional information (if necessary)

Information complémentaire (si nécessaire)



- UL (US), 333 Pfingsten Rd IL 60062, Northbrook, USA
- UL (Demko), Borupvang 5A DK-2750 Ballerup, DENMARK
- UL (JP), Marunouchi Trust Tower Main Building 6F, 1-8-3 Marunouchi, Chiyoda-ku, Tokyo 100-0005, JAPAN
- UL (CA), 7 Underwriters Road, Toronto, M1R 3B4 Ontario, CANADA

For full legal entity names see www.ul.com/ncbnames

Date: 2014-11-19
Original Issue Date: 2009-11-30

Signature:

Jolanta M. Wroblewska



Ref. Certif. No.

US-14491-A1-UL

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

DC to DC Converter

Name and address of the applicant
Nom et adresse du demandeur

ULTRAVOLT INC
SUITE 2
1800 OCEAN AVE
RONKONKOMA NY 11779, USA

Name and address of the manufacturer
Nom et adresse du fabricant

ULTRAVOLT INC
SUITE 2
1800 OCEAN AVE
RONKONKOMA NY 11779, USA

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

See Page 2

Note: When more than one factory, please report on page 2
Note: Lorsque il y plus d'une usine, veuillez utiliser la 2eme page
Ratings and principal characteristics
Valeurs nominales et caractéristiques principales

Unipolar and Bipolar Models; Input: 24 Vdc; 420 mA
See additional Information for output ratings.

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



Type of Manufacturer's Testing Laboratories used
Type de programme du laboratoire d'essais constructeur
Model / Type Ref.
Ref. De type

HVA Series, See Page 2

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

This report comprises 6 enclosures.

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(ed.2)

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

E175165-A7-CB-2 issued on 2011-07-12

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



Underwriters Laboratories Inc. / GMA Certification Department, US
333 Pfingsten Road, Northbrook, IL 60062-2096
United States of America
TEL INT* +1 847 664 3008, FAX INT* +1 847 313 3008
email: jolanta.m.wroblewska@us.ul.com

Signature:

Jolanta M. Wroblewska

Date: 2011-07-12
Original Issue Date: 2009-11-30



Ref. Certif. No.

US-14491-A1-UL

Model Details:

HVA Series;

(Model Series is preceded by numeric prefix and may or may not be followed by multiple alpha-numeric suffix(s) indicating non-safety related options.)

Factories:

ULTRAVOLT INC
SUITE 2
1800 OCEAN AVE
RONKONKOMA NY 11779, USA

Additional Information:

The original report was modified to include the following changes/additions:

Update component table

Additionally evaluated to EN60950-1 (2006) with Am. 11 (2009) to include Group and National Differences for European countries; other National Differences also specified in the CB Test Report.

Additional information (if necessary)

Information complémentaire (si nécessaire)



Date: 2011-07-12
Original Issue Date: 2009-11-30

Underwriters Laboratories Inc. / GMA Certification Department, US
333 Pfingsten Road, Northbrook, IL 60062-2096
United States of America
TEL INT* +1 847 664 3008, FAX INT* +1 847 313 3008
email: jolanta.m.wroblewska@us.ul.com

Signature:

Jolanta M. Wroblewska