



Ref. Certif. No.

US-35274-UL

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

CB TEST CERTIFICATE

Product

High Voltage DC-To-DC Converters

Name and address of the applicant

ULTRAVOLT INC
1800 OCEAN AVE STE 2
RONKONKOMA NY 11779-6532 USA

Name and address of the manufacturer

ULTRAVOLT INC
1800 OCEAN AVE STE 2
RONKONKOMA NY 11779-6532 USA

Name and address of the factory

ULTRAVOLT INC
1800 OCEAN AVE STE 2
RONKONKOMA NY 11779-6532 USA

Note: When more than one factory, please report on page 2

Additional Information on page 2

Ratings and principal characteristics

Input: 24Vdc/0.6A to 1.8A
Output: 0 thru plus or minus: 20KVdc/0.20 mA, 0.75 mA, 1.5mA;
25KVdc/0.16 mA, 0.60 mA, 1.20mA, 30KVdc/0.13 mA, 0.50 mA,
1.0mA

Trademark / Brand (if any)



Type of Customer's Testing Facility (CTF) Stage used

CTF Stage 2

Model / Type Ref.

LE Series, Models: 20LE, 25LE, 30LE. Model designations may or may not be followed by multiple alpha-numeric suffix(s) indicating non-safety related options (such as limited test, private label, limited burn in, heat sink options, HV cable length options etc.)

Additional information (if necessary may also be reported on page 2)

Additionally evaluated to EN 62368-1:2014 / A11:2017;
National Differences specified in the CB Test Report.

Additional Information on page 2

A sample of the product was tested and found to be in conformity with

IEC 62368-1:2014

As shown in the Test Report Ref. No. which forms part of this Certificate

E175165-A6003-CB-1 issued on 2020-02-17

This CB Test Certificate is issued by the National Certification Body



- UL (US), 333 Pfingsten Rd IL 60062, Northbrook, USA
- UL (Denko), 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/hcbnames

Date: 2020-02-18

Signature:

Jolanta M. Wroblewska



Ref. Certif. No.

US-32794-A1-UL

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

CB TEST CERTIFICATE

Product

DC to DC Converter

Name and address of the applicant

ULTRAVOLT INC
1800 OCEAN AVE STE 2
RONKONKOMA, NY 11779-6532 USA

Name and address of the manufacturer

ULTRAVOLT INC
1800 OCEAN AVE STE 2
RONKONKOMA, NY 11779-6532 USA

Name and address of the factory

ULTRAVOLT INC
1800 OCEAN AVE STE 2
RONKONKOMA, NY 11779-6532 USA

Note: When more than one factory, please report on page 2

Additional Information on page 2

Ratings and principal characteristics

Input: 23-30 Vdc, 2.25 A
See test report for output ratings.

Trademark (if any)



Type of Customer's Testing Facility (CTF) Stage used

Model / Type Ref.

LE Series, E Series
See Page 2

Additional information (if necessary may also be reported on page 2)

Administrative amendment
 Additional Information on page 2

A sample of the product was tested and found to be in conformity with

IEC 60950-1:2005

As shown in the Test Report Ref. No. which forms part of this Certificate

E175165-A8-CB-2 issued on 2018-11-15

This CB Test Certificate is issued by the National Certification Body



- 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/nbcnames

Date: 2018-11-22
Original Issue Date: 2018-11-22

Signature:

Jolanta M. Wroblewska



Ref. Certif. No.

US-32794-A1-UL

Model Details:

E Series and LE 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 test report.

Additional Information:

National Differences specified in the CB Test Report.

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

Corrections - Added missing alternate Marking Labels description (Zebra Technologies Corp, Type Z-Supreme 2000T and Z-Supreme 3000T) in CC Table.

Additional information (if necessary)



- UL (US), 333 Pfingsten Rd IL 60062, Northbrook, USA
- UL (Denko), 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: 2018-11-22
Original Issue Date: 2018-11-22

Signature:

Jolanta M. Wroblewska



Ref. Certif. No.

US-32794-UL

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

CB TEST CERTIFICATE

Product	DC to DC Converter
Name and address of the applicant	ULTRAVOLT INC 1800 OCEAN AVE STE 2 RONKONKOMA, NY 11779-6532 USA
Name and address of the manufacturer	ULTRAVOLT INC 1800 OCEAN AVE STE 2 RONKONKOMA, NY 11779-6532 USA
Name and address of the factory	ULTRAVOLT INC 1800 OCEAN AVE STE 2 RONKONKOMA, NY 11779-6532 USA
Note: <i>When more than one factory, please report on page 2</i>	<input type="checkbox"/> Additional Information on page 2
Ratings and principal characteristics	Input: 23-30 Vdc, 2.25 A See additional Information for output ratings.
Trademark (if any)	
Type of Customer's Testing Facility (CTF) Stage used	
Model / Type Ref.	LE Series, E Series See Page 2
Additional information (if necessary may also be reported on page 2)	National Differences specified in the CB Test Report. <input type="checkbox"/> Additional Information on page 2
A sample of the product was tested and found to be in conformity with	IEC 60950-1:2005
As shown in the Test Report Ref. No. which forms part of this Certificate	E175165-A8-CB-2 issued on 2018-11-15

This CB Test Certificate is issued by the National Certification Body



- 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/nbcnames

Date: 2018-11-22

Signature:

Jolanta M. Wroblewska



Ref. Certif. No.

US-32794-UL

Model Details:

E Series and LE 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 test report for more details.

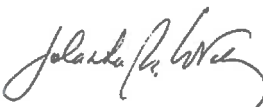
Additional information (if necessary)



- 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: 2018-11-22

Signature: 
 Jolanta M. Wroblewska




Ref. Certif. No.

US-15239-A3-UL

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

CB TEST CERTIFICATE

Product	DC to DC Converter
Name and address of the applicant	ULTRAVOLT INC 1800 OCEAN AVE STE 2 RONKONKOMA NY 11779-6532 UNITED STATES
Name and address of the manufacturer	ULTRAVOLT INC SUITE 2 1800 OCEAN AVE RONKONKOMA NY 11779, USA
Name and address of the factory <small>Note: When more than one factory, please report on page 2</small>	ULTRAVOLT INC SUITE 2 1800 OCEAN AVE RONKONKOMA NY 11779, USA <input type="checkbox"/> Additional Information on page 2
Ratings and principal characteristics	Input: 23-30 Vdc, 2.25 A See Test Report for output ratings.
Trademark (if any)	
Type of Customer's Testing Facility (CTF) Stage used	
Model / Type Ref.	LE Series, E 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 (if necessary may also be reported on page 2)	National Differences specified in the CB Test Report. <input checked="" type="checkbox"/> Additional Information on page 2
A sample of the product was tested and found to be in conformity with	IEC 60950-1(ed.2)
As shown in the Test Report Ref. No. which forms part of this Certificate	E175165-A8-CB-1 issued on 2018-02-19

This CB Test Certificate is issued by the National Certification Body



- 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/nbcnames

Date: 2018-02-22
Original Issue Date: 2010-06-22

Signature:

Jolanta M. Wroblewska

Additional Information:

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

Product description - Changed from "The control and monitoring functions are available on standard DB15 female connector" to "The control and monitoring functions are available on standard DB15 connector."

Technical Considerations - Changed from "The product was submitted and evaluated for use at the maximum ambient temperature (Tma) permitted by the manufacturer's specification of 25°C to "The product was submitted and evaluated at an ambient temperature (Tma) of 25°C. The product was held at and never permitted to exceed the manufacturer specified maximum case temperature of 45°C."

CC Table - For "Transformer T103 (TR-W-234 and TR-W-236) - Model designation changes.

Additional information (if necessary)



- 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/mcnames


Date: 2018-02-22
Original Issue Date: 2010-06-22

Signature:

Jolanta M. Wroblewska

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

CB TEST CERTIFICATE

Product	DC to DC Converter
Name and address of the applicant	ULTRAVOLT INC 1800 OCEAN AVE STE 2 RONKONKOMA NY 11779-6532 UNITED STATES
Name and address of the manufacturer	ULTRAVOLT INC SUITE 2 1800 OCEAN AVE RONKONKOMA NY 11779, USA
Name and address of the factory <i>Note: When more than one factory, please report on page 2</i>	ULTRAVOLT INC SUITE 2 1800 OCEAN AVE RONKONKOMA NY 11779, USA <input type="checkbox"/> Additional Information on page 2
Ratings and principal characteristics	Input: 23-30 Vdc, 2.25 A See Test Report for output ratings.
Trademark (if any)	
Type of Customer's Testing Facility (CTF) Stage used	
Model / Type Ref.	E and LE 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 (if necessary may also be reported on page 2)	National Differences specified in the CB Test Report. <input checked="" type="checkbox"/> Additional Information on page 2
A sample of the product was tested and found to be in conformity with	IEC 60950-1(ed.2)
As shown in the Test Report Ref. No. which forms part of this Certificate	E175165-A8-CB-1 issued on 2017-10-27

This CB Test Certificate is issued by the National Certification Body



- UL (US), 333 Pfingsten Rd IL 60062, Northbrook, USA
- UL (Denko), 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/mcnames

Date: 2017-10-31
Original Issue Date: 2010-06-22

Signature:

Jolanta M. Wroblewska



Ref. Certif. No.

US-15239-A2-UL

Additional Information:

The original report was modified to include the following changes/additions:
Added LE Series.

Additional information (if necessary)



- 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/names

Date: 2017-10-31
Original Issue Date: 2010-06-22

Signature:

Jolanta M. Wroblewska



Ref. Certif. No.

US-15239-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 2^{ème} page
Ratings and principal characteristics
Valeurs nominales et caractéristiques principales

Input: 23-30 Vdc; 2.25 A
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

E 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 2^{ème} page

This report comprises 2 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-A8-CB-1 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: 2010-06-22



Ref. Certif. No.

US-15239-A1-UL

Model Details:

E 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 EN 60950-1 (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: 2010-06-22

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