

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

Name and address of the applicant

Nom et adresse du demandeur

Name and address of the manufacturer

Nom et adresse du fabricant

Name and address of the factory

Nom et adresse de l'usine

Ratings and principal characteristics

Valeurs nominales et caractéristiques principales

Trade mark (if any)

Marque de fabrique (si elle existe)

Model/type Ref.

Ref. de type

Additional information (if necessary)

Information complémentaire (si nécessaire)

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

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 une partie de ce
certificat

Power supplies

XP Power LLC.

15641 Red Hill Avenue, Suite 100

Tustin CA 92780, USA

XP Power LLC.

15641 Red Hill Avenue, Suite 100, Tustin CA 92780, USA

8-1, Fu Kung Rd., Fu Hsing Park,, 506 Fu Hsing Hsiang, Chang Hua
Hsien,, TAIWAN

For further information please see attachment

Rated Input Voltage: 100-240 VAC

Rated Input Current: 0.4 A

Rated Input Frequency: 50-60 Hz

Protection Class: Class I or Class II at end use.

Temperature, Ambient: ECL05USxx-y:

70°C with maximum output power

ECL10USxx-y:

50°C with maximum output power,

70°C with half maximum output power.

Elevation for use: 0-3048 m above sea level.

See attachment for further information.

XP

ECL05USxx-y, ECL10USxx-y

(where xx = 03, 05, 09, 12, 15, 24 or 48 for output
voltage, y = E, P or T for different connector and
enclosure configurations).

Certificate DE 3 - 59967 issued 2012-11-20 is replaced by this model due
to technical changes.

IEC 60950-1(ed.2);am1;am2

095-72111014-000

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

Date,

2015-11-25

CB 15 11 57396 366


Adrian Rabago



TÜV SÜD Product Service GmbH · Certification Body · Ridlerstrasse 65 · D-80339 München

Product Service

Additional factory information:

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

77041 No.1 Jing Xiang Rd., DongCheng Foreign Trade
Industrial Park, ZhuShan, DongCheng District
523128 Dongguan,
PEOPLE'S REPUBLIC OF CHINA

Approved models and Rated Outputs:

Model Number	Output	
	Voltage (VDC)	Current (A)
ECL05US03	3.3	1.3
ECL05US05	5	1
ECL05US09	9	0.55
ECL05US12	12	0.415
ECL05US15	15	0.335
ECL05US24	24	0.21
ECL05US48	48	0.105
ECL10US03	3.3	2.6
ECL10US05	5	2
ECL10US09	9	1.1
ECL10US12	12	0.83
ECL10US15	15	0.67
ECL10US24	24	0.42
ECL10US48	48	0.21

Model No. suffix:

- P: PCB mount, open frame model, soldering pin input and output power connection.
- T: chassis mount, open frame model, terminal block for input and output connection.
- E: encapsulated, plastic enclosure, soldering pin input and output power connection.

Conditions of Acceptability:

When installing the equipment, all requirements of the standards and the manufacturer's specifications must be met.

The models require:

- A suitable electrical and fire enclosure must be provided in the end use equipment.
- If installed in Class I end product, proper bonding to the end-product main protective earthing terminal is required at end use.
- When installed in end product, the clearance and creepage distance between the related circuitry of the power supply and accessible parts shall meet the standard(s) requirements. Hi-pot test, touch current test and ground bond test (for class I end product) shall be conducted at end product.

Date: 2015-11-25
Report No.: 095-72111014-000
CB 15 11 57396 366
Page 2 of 2



Product Service

TÜV SÜD Product Service GmbH • Certification Body • Ridlerstrasse 65 • D-80339 München



Ref. Certif. No.

DE 3 - 501647

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

Name and address of the applicant

Nom et adresse du demandeur

Name and address of the manufacturer

Nom et adresse du fabricant

Name and address of the factory

Nom et adresse de l'usine

Ratings and principal characteristics

Valeurs nominales et caractéristiques principales

Trade mark (if any)

Marque de fabrique (si elle existe)

Model/type Ref.

Ref. de type

Additional information (if necessary)

Information complémentaire (si nécessaire)

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Power supplies

XP Power LLC.

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Tustin CA 92780, USA

XP Power LLC.

15641 Red Hill Avenue, Suite 100, Tustin CA 92780, USA

8-1, Fu Kung Rd., Fu Hsing Park,, 506 Fu Hsing Hsiang, Chang
Hua Hsien,, TAIWAN

For further information please see attachment

Input, AC:

100-240 V, 50-60 Hz, 0.6 A

Protection Class:

Class I or Class II at end use

Temperature, Ambient:

50°C with maximum output power

70°C with half maximum output power

Elevation for use:

0-3048 m above sea level

See attachment for further information.

XP

ECL15USxx-y

(xx=03, 05, 09, 12, 15, 24 or 48 for output voltage,

y=E, P, T, S or SD for different connector and

enclosure configurations)

Certificate DE 3 - 59976 issued 2012-11-27 is replaced by this
version due to technical changes.

IEC 60950-1(ed.2);am1;am2

095-72111014101-000

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

Date,

2015-12-18

CB 15 11 57396 368


Adrian Rabago



TÜV SÜD Product Service GmbH · Certification Body · Ridlerstrasse 65 · D-80339 München

Product Service

Additional factory information:

Name and address of the factory <i>Nom et adresse de l'usine</i>	61661 8-1, Fu Kung Rd., Fu Hsing Park, 506 Fu Hsing Hsiang, Chang Hua Hsien, TAIWAN
	77041 No.1 Jing Xiang Rd., DongCheng Foreign Trade Industrial Park, ZhuShan, DongCheng District 523128 Dongguan, PEOPLE'S REPUBLIC OF CHINA

APPROVED MODELS AND RATED OUTPUTS:

Model Number	Output	
	Voltage (VDC)	Current (A)
ECL15US03	3.3	3
ECL15US05	5	3
ECL15US09	9	1.67
ECL15US12	12	1.25
ECL15US15	15	1
ECL15US24	24	0.63
ECL15US48	48	0.32

MODEL NO. SUFFIX:

- P: PCB mount, open frame model, soldering pin input and output power connection.
- T: chassis mount, open frame model, terminal block for input and output connection.
- E: encapsulated, plastic enclosure, soldering pin input and output power connection.
- S: encapsulated, plastic enclosure, screw terminal block for input and output connection.
- SD: DIN rail mounted, clip provided.

Conditions of Acceptability:

When installing the equipment, all requirements of the standards and the manufacturer's specifications must be met.

The models require:

- A suitable electrical and fire enclosure must be provided in the end use equipment.
- If installed in Class I end product, proper bonding to the end-product main protective earthing terminal is required at end use.
- When installed in end product, the clearance and creepage distance between the related circuitry of the power supply and accessible parts shall meet the standard(s) requirements. Hi-pot test, touch current test and ground bond test (for class I end product) shall be conducted at end product.

Date: 2015-11-18
Report No.: 095-72111014101-000
CB 15 11 57396 368
Page 2 of 2



Product Service

TÜV SÜD Product Service GmbH • Certification Body • Ridlerstrasse 65 • D-80339 München

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

SYSTEME CEI D'ACCEPTATION MUTUELLE DE
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ELECTRIQUES (IECEE) METHODE OC

CB TEST CERTIFICATE

CERTIFICAT D'ESSAI OC

Product
Produit

Name and address of the applicant
Nom et adresse du demandeur

Name and address of the manufacturer
Nom et adresse du fabricant

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

Ratings and principal characteristics
Valeurs nominales et caractéristiques principales

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

Additional information (if necessary may also be
reported on page 2)
Les informations complémentaires (si nécessaire,,
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référence qui constitue partie de ce Certificat

Switching Power Supply

XP POWER L L C
15641 RED HILL AVE, SUITE 100
TUSTIN CA 92780, USA

XP POWER L L C
15641 RED HILL AVE, SUITE 100
TUSTIN CA 92780, USA

8-1 FU KUNG RD FU HSING PARK FU HSING HSIANG
CHANGHUA HSIEN 506
TAIWAN

☒ Additional Information on page 2

Input: 100-240 V~, 0.3 A, 50/60 Hz

Output: See Test Report - Enclosure - Miscellaneous Models
rating and differences table for details.

XP Power



SMT

ECL15XXYY-Z
See Page 2

Additionally evaluated to EN 60950-1:2006 / A11:2009 / A1:2010
/ A12:2011 / A2:2013; National Differences specified in the CB
Test Report.

☐ Additional Information on page 2

IEC 60950-1(ed.2), IEC 60950-1(ed.2);am1, IEC 60950-1(ed.2);am2

E317867-A57-CB-2 issued on 2015-09-18

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

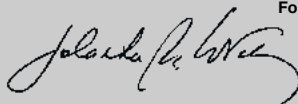
UL (JP), Marunouchi Trust Tower Main Building 6F, 1-8-3 Marunouchi, Chiyoda-ku, Tokyo 100-0005, JAPAN

UL (CA), 7 Underwriters Road, Toronto, M1R 3B4 Ontario, CANADA

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

Date: 2015-09-18

Signature:



Jolanta M. Wroblewska



Ref. Certif. No.

US-26019-UL

Model Details:

ECL15XXYY-Z, where XX can be UD or UT, YY can be 01, 02 or 03, Z can be P, T, E, S, SD or blank.

Factories:

1 JING XIANG RD DONGCHENG FOREIGN TRADE INDUSTRIAL PARK ZHUSHAN DONGCHENG DISTRICT
DONGGUAN GUANGDONG 523128
CHINA

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: 2015-09-18

Signature:

Jolanta M. Wroblewska

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

SYSTEME CEI D'ACCEPTATION MUTUELLE DE
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ELECTRIQUES (IECEE) METHODE OC

CB TEST CERTIFICATE

Product
Produit

Name and address of the applicant
Nom et adresse du demandeur

Name and address of the manufacturer
Nom et adresse du fabricant

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

Ratings and principal characteristics
Valeurs nominales et caractéristiques principales

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

Additional information (if necessary may also be reported on page 2)
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CERTIFICAT D'ESSAI OC

Switching power supply

XP POWER L L C
15641 RED HILL AVE, SUITE 100
TUSTIN CA 92780, USA

XP POWER L L C
15641 RED HILL AVE, SUITE 100
TUSTIN CA 92780, USA

8-1 FU KUNG RD FU HSING PARK FU HSING HSIANG
CHANGHUA HSIEN 506
TAIWAN

☒ Additional Information on page 2
See Page 2



SMT

ECL25USXX-Y, ECL25US05-XB0232A, ECL25US24-XE0526,
See Page 2

Additionally evaluated to EN 60950-1:2006 / A11:2009 / A1:2010 / A12:2011 / A2:2013; National Differences specified in the CB Test Report.

☐ Additional Information on page 2
IEC 60950-1(ed.2), IEC 60950-1(ed.2);am1, IEC 60950-1(ed.2);am2

E317867-A4-CB-5 issued on 2015-09-23

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

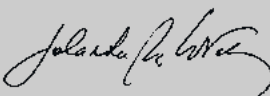


UL (CA), 7 Underwriters Road, Toronto, M1R 3B4 Ontario, CANADA

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

Date: 2015-09-23

Signature:



Jolanta M. Wroblewska



Ref. Certif. No.

US-26041-UL

Model Details:

ECL25USXX-Y (XX can be 03, 05, 09, 12, 15, 24 or 48; Y can be E, P, S, SD, T, or blank, "-" provided optionally)

Factories:

1 JING XIANG RD DONGCHENG FOREIGN TRADE INDUSTRIAL PARK ZHUSHAN DONGCHENG DISTRICT
DONGGUAN GUANGDONG 523128
CHINA

Ratings:

Input:

ECL25USXX, ECL25US05-XB0232A: 100-240 Vac, 0.8 A, 50-60 Hz

ECL25US24, ECL25US24-XE0526: 100-240 Vac, 50-60 Hz, 0.8 A; or 40-85 Vdc, 0.8 A

Output: See test report for details.

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: 2015-09-23

Signature:

Jolanta M. Wroblewska

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

SYSTEME CEI D'ACCEPTATION MUTUELLE DE
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CB TEST CERTIFICATE

Product
Produit

Name and address of the applicant
Nom et adresse du demandeur

Name and address of the manufacturer
Nom et adresse du fabricant

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

Ratings and principal characteristics
Valeurs nominales et caractéristiques principales

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

Additional information (if necessary may also be
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CERTIFICAT D'ESSAI OC

Switching Power Supply

XP POWER L L C
15641 RED HILL AVE, SUITE 100
TUSTIN CA 92780 USA

XP POWER L L C
15641 RED HILL AVE, SUITE 100
TUSTIN CA 92780 USA

8-1 FU KUNG RD FU HSING PARK FU HSING HSIANG
CHANGHUA HSIEN 506
TAIWAN

☒ Additional Information on page 2

Input: 100-240 V~, 0.8 A, 50/60 Hz

Output: See Enclosure - Miscellaneous Models rating and
differences table for details.

XP Power



ECL30XXYY-Z
See Page 2

Additionally evaluated to EN 60950-1: 2006 / A11: 2009 / A1:
2010 / A12: 2011 / A2:2013; National Differences specified in
the CB Test Report.

☒ Additional Information on page 2

IEC 60950-1(ed.2), IEC 60950-1(ed.2);am1,
IEC 60950-1(ed.2);am2

E317867-A58-CB-2 issued on 2015-09-01,
E317867-A58-CB-2 issued on 2015-09-02

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

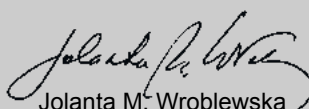
UL (CA), 7 Underwriters Road, Toronto, M1R 3B4 Ontario, CANADA

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

Date: 2015-10-29

Original Issue Date: 2015-09-02

Signature:


Jolanta M. Wroblewska



Ref. Certif. No.

US-25930-M1-UL

Model Details:

ECL30XXYY-Z, where XX can be UD or UT, YY can be 01, 02, 03, Z can be P, T, E, S, SD or blank.

Factories:

1 JING XIANG RD DONGCHENG FOREIGN TRADE INDUSTRIAL PARK
ZHUSHAN DONGCHENG DISTRICT
DONGGUAN GUANGDONG 523128
CHINA

Additional Information:

The original CB Test Certificate was modified to include the following changes/additions:

- Corrected the issue date.

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: 2015-10-29

Original Issue Date: 2015-09-02

Signature:

Jolanta M. Wroblewska