



Ref. Certif. No.

JPTUV-058092-M1

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

CB TEST CERTIFICATE

Product

DC - DC Converter

Name and address of the applicant

Cosel Co., Ltd.
1-6-43 Kamiakae-machi
Toyama-shi, Toyama, 930-0816 Japan

Name and address of the manufacturer

Cosel Co., Ltd.
1-6-43 Kamiakae-machi
Toyama-shi, Toyama, 930-0816 Japan

Name and address of the factory

See additional page(s)

Ratings and principal characteristics

Input: 36-76Vdc; 1) 7.47A max. 2) 7.39A max.
(Output: refer to the test report)

Trademark (if any)

COSEL

Customer's Testing Facility (CTF) Stage used

N/A

Model / Type Ref.

1) CQHS2504832 2) CQHS2504850
May be provided with suffix -#####
is B, N, R, L\$ or blank, any number 0 to 9 or any letter
A to Z, "\$" is any number 0 to 9 or any letter A to Z
or blank.Additional information (if necessary may
also be reported on page 2)For model differences, refer to the test report.
Re-issue of JPTUV-058092 dated 12.08.2014,
due to first modification.A sample of the product was tested and
found to be in conformity withIEC 60950-1:2005+A1+A2
See Test Report for National DifferencesAs shown in the Test Report Ref. No. which
forms part of this Certificate

50012416 002

This CB Test Certificate is issued by the National Certification Body



TÜVRheinland®

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Mail: info@jpn.tuv.com
Web : www.tuv.com

Date: 2021-03-15

Signature:

Satoshi Hamamoto

1. Cosel Co., Ltd.
Tateyama Factory
78 Dogenji, Tateyama-machi
Nakaniikawa-gun, Toyama
930-0241 Japan
2. Eikoku Co., Ltd.
45-6 Nishida Kaneoke, Kokufu-cho
Takayama-shi, Gifu
509-4123 Japan
3. Kyousei Corp.
501-1-2 Nakaoookubo
Toyama-shi, Toyama
939-2243 Japan
4. Cosel Co., Ltd.
Toyama Factory
1-6-43 Kamiakae-machi
Toyama-shi, Toyama
930-0816 Japan
5. Daiyon Corp.
1-18 Zoushima, Fuchu-machi,
Toyama-shi, Toyama
939-2726 Japan
6. Takanami Co., Ltd.
2000-39 Hirokami
Imizu-shi, Toyama
939-0256 Japan
7. Eikoku Co., Ltd.
Toyama Satellite Factory
223 Nakajinzu Yatsuo-Machi
Toyama-shi, Toyama
939-2311 Japan

Additional information (if necessary)

Report Ref. No. : 50012416 002

Date: 2021-03-15

Signature:



Satoshi Hamamoto

8. Sunrise Industries Co., Ltd.
2-24-6 Terajima
Itoigawa-shi, Niigata
941-0066 Japan

Additional information (if necessary)

Report Ref. No. : 50012416 002

Date: 2021-03-15

Signature:

A handwritten signature in blue ink, appearing to read 'S. Hamamoto', is written over a faint, larger signature that is also visible in the background.

Satoshi Hamamoto



Ref. Certif. No.

JPTUV-058092

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 - DC Converter

Name and address of the applicant
Nom et adresse du demandeur

Cosel Co., Ltd.
1-6-43 Kamiakae-machi
Toyama-shi, Toyama, 930-0816 JAPAN

Name and address of the manufacturer
Nom et adresse du fabricant

Cosel Co., Ltd.
1-6-43 Kamiakae-machi
Toyama-shi, Toyama, 930-0816 JAPAN

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

See additional page(s)

Ratings and principal characteristics
Valeurs nominales et caractéristiques principales

Input: DC 36 -76V; 1) 7.47A max. 2) 7.39 A max.
(Output: refer to the test report)

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

COSEL

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

N/A

Model / Type Ref.
Ref. de type

1) CQHS2504832 2) CQHS2504850
May be provided with suffix -#####
is B, N, R, L\$ or blank, any number 0 to 9 or any letter
A to Z, "\$" is any number 0 to 9 or any letter A to Z
or blank.
For model differences, refer to the test report.

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 60950-1:2005+A1+A2
National differences see test report

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

50012416 001

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



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Mail: info@jpn.tuv.com
Web: www.tuv.com

Date: 12.08.2014

Signature:

Masahiro Hisamune

1. Cosel Co., Ltd.
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78 Dogenji, Tateyama-machi
Nakanikawa-gun, Toyama
930-0241 JAPAN
2. Taiyo Denshi Kogyo Co., Ltd.
6-215-1 Tsukioka-machi
Toyama-shi, Toyama
939-8132 JAPAN
3. Eikoku Co., Ltd.
1587 Nabari, Kokufu-cho
Takayama-shi, Gifu
509-4122 JAPAN
4. Kyousei Corp.
501-1-2 Nakaoakubo
Toyama-shi, Toyama
939-2243 JAPAN
5. Cosel Co., Ltd.
Toyama Factory
1-6-43 Kamiakae-machi
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6. Daiyon Corp.
1-18 Zoushima, Fuchu-machi,
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939-0256 JAPAN
8. Eikoku Co., Ltd.
Toyama Satellite Factory
223 Nakajinzu Yatsuo-Machi
Toyama-shi, Toyama
939-2311 JAPAN

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

Report Ref. No.: 50012416 001



Date: 12.08.2014

Signature:

Masahiro Hisamune