



Ref. Certif. No.

JPTUV-090026-A1/M1

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

CB TEST CERTIFICATE

Product

Switching Power Supply

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: 100 - 240 V a.c.; 50 - 60 Hz; 1.3 A; Class I
Output: a) 24 V d.c.; 4.3 A
b) 36 V d.c.; 2.8 A
c) 48 V d.c.; 2.1 A

Trademark (if any)

COSEL

Customer's Testing Facility (CTF) Stage used

N/A

Model / Type Ref.

a) LFP100F-24
b) LFP100F-36
c) LFP100F-48
May be followed by suffix -xxxxxxx.
x = any combination of J1, C, G, Y, R, R2, S, SN 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-090026-M1 dated 09.03.2021,
due to non-technical change.

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

IEC 62368-1:2014
See Test Report for National Differences

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

50169113 003

This CB Test Certificate is issued by the National Certification Body



TÜVRheinland®

TÜV Rheinland Japan Ltd.
Global Technology Assessment Center
4-25-2 Kita-Yamata, Tsuzuki-ku
Yokohama 224-0021, Japan
Phone + 81 45 914-3888
Fax + 81 45 914-3354
Mail: info@jpn.tuv.com
Web : www.tuv.com

Date: 2021-08-30

Signature:

Dipl.-Ing. (FH) M. Geiser

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

Additional information (if necessary)

Report Ref. No. : 50169113 003



Date: 2021-08-30

Signature:

Dipl.-Ing. (FH) M. Geiser

8. Sunrise Industries Co., Ltd.
2-24-6 Terajima
Itoigawa-shi, Niigata
941-0066 Japan
9. Wuxi Cosel Electronics Co., Ltd.
5th Floor, Building A3,
Liyuan Development Zone, Wuxi,
214072 Jiangsu
P.R. China
10. Glanz Hokuriku Co., Ltd.
476 Hashizume machi,
Hakusan-shi, Ishikawa
924-0812 Japan

Additional information (if necessary)

Report Ref. No. : 50169113 003



Date: 2021-08-30

Signature:

Dipl.-Ing. (FH) M. Geiser



Ref. Certif. No.

JPTUV-090026-M1

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

CB TEST CERTIFICATE

Product

Switching Power Supply

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: 100-240 V a.c.; 1.3 A; 50-60 Hz; Class I
Output: a) 24 V d.c.; 4.3 A
b) 36 V d.c.; 2.8 A
c) 48 V d.c.; 2.1 A

Trademark (if any)

COSEL

Customer's Testing Facility (CTF) Stage used

N/A

Model / Type Ref.

a) LFP100F-24 b) LFP100F-36 c) LFP100F-48
May be followed by suffix -xxxxxxx.
x = any combination of J1, C, G, Y, R, R2, S, SN 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-090026 dated 09.08.2018,
due to first modification.

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

IEC 62368-1:2014
See Test Report for National Differences

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

50169113 002

This CB Test Certificate is issued by the National Certification Body



TÜVRheinland®

TÜV Rheinland Japan Ltd.
Global Technology Assessment Center
4-25-2 Kita-Yamata, Tsuzuki-ku
Yokohama 224-0021, Japan
Phone + 81 45 914-3888
Fax + 81 45 914-3354
Mail: info@jpn.tuv.com
Web: www.tuv.com

Date: 2021-03-09

Signature:

Dipl.-Ing. (FH) M. Geiser

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

Additional information (if necessary)

Report Ref. No. : 50169113 002



Date: 2021-03-09

Signature:

Dipl.-Ing. (FH) M. Geiser

8. Sunrise Industries Co., Ltd.
2-24-6 Terajima
Itoigawa-shi, Niigata
941-0066 Japan
9. Wuxi Cosel Electronics Co., Ltd.
5th Floor, Building A3,
Liyuan Development Zone, Wuxi,
214072 Jiangsu
P.R. China
10. Glanz Hokuriku Co., Ltd.
476 Hashizume machi,
Hakusan-shi, Ishikawa
924-0812 Japan
11. FUTABA DIES Co., Ltd.
762-1 Kunugiyama, Nyuzen-machi
Shimoniikawa-gun, Toyama
939-0627 Japan

Additional information (if necessary)

Report Ref. No. : 50169113 002



Date: 2021-03-09

Signature:

Dipl.-Ing. (FH) M. Geiser



Ref. Certif. No.

JPTUV-090026

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

CB TEST CERTIFICATE

Product

Switching Power Supply

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: 100-240 V a.c.; 1.3 A; 50-60 Hz; Class I
Output: a) 24 V d.c.; 4.3 A
b) 36 V d.c.; 2.8 A
c) 48 V d.c.; 2.1 A

Trademark (if any)

COSEL

Customer's Testing Facility (CTF) Stage used

N/A

Model / Type Ref.

a) LFP100F-24 b) LFP100F-36 c) LFP100F-48
May be followed by suffix -xxxxxxx.
x = any combination of J1, C, G, Y, R, R2, S, SN or blank

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

For model differences, refer to the test report.

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

IEC 62368-1:2014
See Test Report for National Differences

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

50169113 001

This CB Test Certificate is issued by the National Certification Body



TÜV Rheinland Japan Ltd.
Global Technology Assessment Center
4-25-2 Kita-Yamata, Tsuzuki-ku
Yokohama 224-0021 Japan
Phone + 81 45 914-3888
Fax + 81 45 914-3354
Mail: info@jpn.tuv.com
Web: www.tuv.com

Date: 09.08.2018

Signature:

Dipl.-Ing. (FH) M. Geiser

1. Cosel Co., Ltd.
Tateyama Factory
78 Dogenji, Tateyama-machi
Nakanikawa-gun, Toyama
930-0241 Japan
2. Kyousei Corp.
501-1-2 Nakaoakubo
Toyama-shi, Toyama
939-2243 Japan
3. Cosel Co., Ltd.
Toyama Factory
1-6-43 Kamiakae-machi
Toyama-shi, Toyama
930-0816 Japan
4. Daiyon Corp.
1-18 Zoushima, Fuchu-machi,
Toyama-shi, Toyama
939-2726 Japan
5. Sunrise Industries Co., Ltd.
2-24-6 Terajima
Itoigawa-shi, Niigata
941-0066 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
8. Wuxi Cosel Electronics Co., Ltd.
5th Floor
Building A3 Liyuan Development Zone Wuxi
Jiangsu 214072
P. R. China
9. Eikoku Co., Ltd.
45-6 Nishida Kaneoke, Kokufu-cho
Takayama-shi, Gifu
509-4123 Japan
10. Glanz Hokuiku Co., Ltd.
476 Hashizume machi,
Hakusan-shi, Ishikawa
924-0812 Japan

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

Report Ref. No.: 50169113 001

Date: 09.08.2018

Signature:

Dipl.-Ing. (FH) M. Geiser

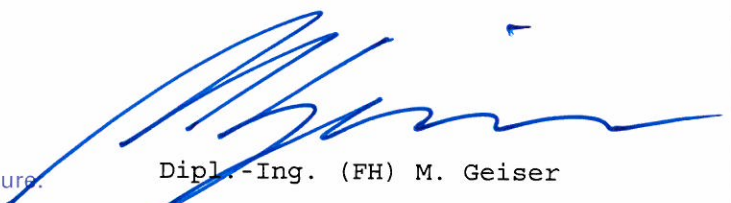
11. FUTABA DIES Co., Ltd.
762-1 Kunugiyama, Nyuzen-machi
Shimoniikawa-gun, Toyama
939-0627 Japan

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

Report Ref. No.: 50169113 001

Date: 09.08.2018

Signature:


Dipl.-Ing. (FH) M. Geiser