



Ref. Certif. No.

JP-27644-UL

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

CB TEST CERTIFICATE

Product

Regulated DC 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

DAIYON CORP
1-18 ZOUSHIMA FUCHU-MACHI TOYAMA-SHI Toyama 939-2726 JAPAN

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

☒ [Additional Information on page 2](#)

Ratings and principal characteristics

Input Ratings: 100-240 VAC, 50-60Hz, 0.9 A (for models TECS45F-12, TECS45F-24, TEPS45F12 and TEPS45F24), 0.8 A (for models TECS45F-5 and TEPS45F05)
Output Ratings: See "Product Description" in CBTR

Trademark / Brand (if any)



Customer's Testing Facility (CTF) Stage used

CTF Stage 2

Model / Type Ref.

TECS45F-5, TECS45F-12, TECS45F-24, TEPS45F05, TEPS45F12 and TEPS45F24
(May be provided with suffix "-xNx". Where "x" may be any combination of "E2", "H", "J3", "J4" or blank.)

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

Additionally evaluated to: EN IEC 62368-1:2020/A11:2020
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 62368-1:2018

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

E132067-A6177-CB-1 issued on 2024-04-25

This CB Test Certificate is issued by the National Certification Body



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

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

Date: 2024-04-25

Signature:

M. Takagi
Masamichi Takagi



Ref. Certif. No.

JP-27644-UL

Factory(ies):

KYOUSEI CO LTD
501-1 NAKAOKUBO TOYAMA-SHI Toyama 939-2243
JAPAN

TAKANAMI CO LTD
2000-39 HIROKAMI IMIZU-SHI Toyama 939-0256
JAPAN

EIKOKU CO LTD
45-6 NISHIDA KANEOKE KOKUFU-CHO TAKAYAMA-SHI Gifu 509-4123
JAPAN

COSEL CO LTD
TATEYAMA FACTORY,
78 DOGENJI TATEYAMAMACHI NAKANIICAWA-GUN Toyama 930-0241
JAPAN

Additional information (if necessary)



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

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Date: 2024-04-25

Signature:

Masamichi Takagi



Ref. Certif. No.

JP-27308-M1-UL

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

CB TEST CERTIFICATE

Product	Regulated DC 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	DAIYON CORP 1-18 ZOUSHIMA FUCHU-MACHI TOYAMA-SHI Toyama 939-2726 JAPAN <input checked="" type="checkbox"/> Additional Information on page 2
Note: When more than one factory, please report on page 2	
Ratings and principal characteristics	Input Ratings: 100-240 VAC, 50-60Hz, 0.9 A (for models TECS45F-12, TECS45F-24, TEPS45F12 and TEPS45F24), 0.8 A (for models TECS45F-5 and TEPS45F05) Output Ratings: See "Product Description" in CBTR
Trademark / Brand (if any)	N/A
Customer's Testing Facility (CTF) Stage used	CTF Stage 2
Model / Type Ref.	TECS45F-5, TECS45F-12, TECS45F-24, TEPS45F05, TEPS45F12 and TEPS45F24 (May be provided with suffix "-x". Where "x" may be any combination of "E2", "H", "J3", "J4" or blank.)
Additional information (if necessary may also be reported on page 2)	The report was revised to include technical modifications. Additionally evaluated to: EN IEC 62368-1:2020/A11:2020 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 62368-1:2018
As shown in the Test Report Ref. No. which forms part of this Certificate	E132067-A6177-CB-1 issued on 2024-04-25

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☒ UL Solutions (JP), Marunouchi Trust Tower Main Building 6F, 1-8-3 Marunouchi, Chiyoda-ku, Tokyo 100-0005, JAPAN
☐ UL Solutions (CA), 7 Underwriters Road, Toronto, M1R 3B4 Ontario, CANADA

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

Date: 2024-04-25

Original Issue Date: 2023-10-13

Signature:

Masamichi Takagi



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JP-27308-M1-UL

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KYOUSEI CO LTD
501-1 NAKAOKUBO TOYAMA-SHI Toyama 939-2243
JAPAN

TAKANAMI CO LTD
2000-39 HIROKAMI IMIZU-SHI Toyama 939-0256
JAPAN

EIKOKU CO LTD
45-6 NISHIDA KANEOKE KOKUFU-CHO TAKAYAMA-SHI Gifu 509-4123
JAPAN

COSEL CO LTD
TATEYAMA FACTORY,
78 DOGENJI TATEYAMAMACHI NAKANIICAWA-GUN Toyama 930-0241
JAPAN

Summary of Modifications:

- Addition of model suffix "-x" or "-xNx". Where "x" may be any combination of "E2", "H", "J3", "J4". See "Model Differences" for details.;
- Addition of Cover (for Electrolytic Capacitor (C111)) with different shapes. (Added a different shape to enclosure ID 04-02. Evaluation results related to previous insulation are not affected.);
- Correction of Transformer type name at Table 4.1.2 from "OT-TE04505T**/OT-TE04512T**/OT-TE04524T** (* is any number 0 to 9 or letter A to Z or blank)" to "OT-TE04505T****/OT-TE04512T****/OT-TE04524T**** (* is any number 0 to 9 or letter A to Z or - or blank)". (No construction change was made.);
- Addition of Trade Mark(s) and Copy of marking plate for Trade Mark(s) for models with suffix "-xNx".;
- Change of "Additional Information" from "N/A" to "The marking plate labels provided are representative of all series models because the required information except for model name is same as representative.";
- Replacement of Enclosure Id. 06-01, 06-02 and 07-05.;
- Updated National Differences for Singapore.

Additional information (if necessary)



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Name and address of the factory	DAIYON CORP 1-18 ZOUSHIMA FUCHU-MACHI TOYAMA-SHI Toyama 939-2726 JAPAN
Note: When more than one factory, please report on page 2	<input checked="" type="checkbox"/> Additional Information on page 2
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Trademark / Brand (if any)	N/A
Customer's Testing Facility (CTF) Stage used	CTF Stage 2
Model / Type Ref.	TECS45F-5, TECS45F-12, TECS45F-24, TEPS45F05, TEPS45F12 and TEPS45F24
Additional information (if necessary may also be reported on page 2)	Additionally evaluated to: EN IEC 62368-1:2020/A11:2020 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 62368-1:2018
As shown in the Test Report Ref. No. which forms part of this Certificate	E132067-A6177-CB-1 issued on 2023-10-12
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