



Ref. Certif. No.

JP-25908-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	COSEL CO LTD 1-6-43 KAMIAKAE-MACHI TOYAMA-SHI TOYAMA 930-0816 JAPAN
Note: When more than one factory, please report on page 2	<input checked="" type="checkbox"/> Additional Information on page 2
Ratings and principal characteristics	See Page 2 <input checked="" type="checkbox"/> Additional Information on page 2
Trademark / Brand (if any)	
Customer's Testing Facility (CTF) Stage used	CTF Stage 2
Model / Type Ref.	TUNS1200F12, TUNS1200F28, TUNS1200F48 and TUNS1200F65 (May be provided with suffix "-xy". Where "x" may be any combination of "N1", "Rn", "T", "Y1", "In" (n = any number 0 to 9) or blank. In the combination of two or more, Where "y" is any number 0 to 9 or any letter A to Z (except for "N", "R", "T", "Y", "I") or "-" or blank, in the combination of two or more.)
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-A6129-CB-1 issued on 2022-08-29

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 SA 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/nbcnames

Date: 2022-08-30
Original Issue Date: 2022-03-01

Signature: 
Masamichi Takagi



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Factory(ies):

KITANIHON-DENSHI CORPORATION
53-1 TO, YAMADA-MACHI KAGA-SHI ISHIKAWA 922-0431
JAPAN

EIKOKU CO LTD
TOYAMA SATELLITE FACTORY
223 NAKAJINZU YATSUO-MACHI TOYAMA-SHI TOYAMA 939-2311
JAPAN

SUNRISE INDUSTRIES CO LTD
2-24-6 TERAJIMA ITOIGAWA-SHI NIIGATA 941-0066
JAPAN

Ratings:

TUNS1200F12: 100 - 277 VAC, 50 - 60 Hz, 12 A
TUNS1200F28: 100 - 277 VAC, 50 - 60 Hz, 14 A
TUNS1200F48: 100 - 277 VAC, 50 - 60 Hz, 14 A
TUNS1200F65: 100 - 277 VAC, 50 - 60 Hz, 14 A

Summary of Modifications:

- [1] Correction of "Technical data" in Table 4.1.2 as follows. (No construction change was made.)
 - Bobbin of Transformer (T301) and alternate Bobbin of Transformer (T301) from "0.4" to "0.32".
 - Bobbin of Transformer (T401) from "0.6" to "0.33".
 - Case/Cover from "0.8" to "0.4".
 - Case/Cover from "130" to "140".
- [2] Correction of "Measured DTI (mm)" in Table 5.4.4.2 from "0.8" to "0.4",
- [3] Correction of "Thickness d (mm)" in Table 5.4.4.9 from "0.8" to "0.4".
- [4] Correction of "Vpw (Vpk)" in Table 5.4.4.9 from "Vw: 5.52 kV" to "Vw: 2.76 kV".
- [5] Updating of National Differences: USA / Canada.

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
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