



Ref. Certif. No.

JP-26280-M1-UL

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 | COSEL CO LTD TATEYAMA FACTORY 78 DOGENJI TATEYAMAMACHI NAKANIIKAWA-GUN TOYAMA 930-0241 JAPAN <input type="checkbox"/> Additional Information on page 2 |
| Note: When more than one factory, please report on page 2 | |
| Ratings and principal characteristics | AC 100-240 V, 50-60 Hz, 3.3 A |
| Trademark / Brand (if any) |  |
| Customer's Testing Facility (CTF) Stage used | |
| Model / Type Ref. | GMA300F-12, GMA300F-15, GMA300F-24, GMA300F-30, GMA300F-48 and GMA300F-56 May be followed by -#####. Where # is J1, J3, R3, C, I2, E 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-A6111-CB-1 issued on 2023-12-26 |

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: 2023-12-27
Original Issue Date: 2022-07-01

Signature:


Masamichi Takagi



Ref. Certif. No.

JP-26280-M1-UL

Summary of Modifications:

- [1] Replaced specifications by adding minor tapes for Transformer (T201 and T301).
- [2] Correction of type number of alternate Separator of Inductors (L101, L102) from "LUPOX GP-1006F" to "LUPOX GP1006FD", and "LUPOX GP-2306F" to "LUPOX GP2306F".
- [3] Deletion of following components of Table 4.1.2 because these components are not used for insulation.
 - Primary Wire (L1) of Transformer / Inductor (T201), Fuji Fine Wire (Shenzhen) Co., Ltd., type 2UEW-F.
 - Secondary Wire (S1, S2) of Transformer / Inductor (T201), Fuji Fine Wire (Shenzhen) Co., Ltd., type 2UEW-FLZ.
 - Secondary Wire (S3, S4) of Transformer / Inductor (T201), Shin-Etsu Electric Wire Co., Ltd., type UEWB3.
 - Primary Wire (P1, P2) of Transformer (T301), Shin-Etsu Electric Wire Co., Ltd., UEW3#.
 - Alternate Primary Wire (P1, P2) of Transformer (T301), Furukawa Electric Co., Ltd., type UEW.

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

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

Date: 2023-12-27
Original Issue Date: 2022-07-01

Signature:

Masamichi Takagi



Ref. Certif. No.

JP-26280-UL

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

COSEL CO LTD
TATEYAMA FACTORY
78 DOGENJI TATEYAMAMACHI NAKANIKAWA-GUN TOYAMA 930-0241 JAPAN

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

☐ Additional Information on page 2

Ratings and principal characteristics

AC 100-240 V, 50-60 Hz, 3.3 A

Trademark (if any)



Customer's Testing Facility (CTF) Stage used

Model / Type Ref.

GMA300F-12, GMA300F-15, GMA300F-24, GMA300F-30, GMA300F-48 and GMA300F-56

May be followed by -####. Where # is J1, J3, R3, C, I2, E 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-A6111-CB-1 issued on 2022-07-01

This CB Test Certificate is issued by the National Certification Body



- ☐ UL (US), 333 Pfingsten Rd IL 60062, Northbrook, USA
- ☐ UL (Denko), 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: 2022-07-01

Signature:

Masamichi Takagi