



Ref. Certif. No.

JP-26543-A1-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 TATEYAMA MACHI NAKANIIKAWA-GUN TOYAMA 930-0241 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	Input: 100-240 VAC, 50-60 Hz, 2.5 A (Model GHA500F-5), 5.4 A (Model GHA500F-12, GHA500F-15, GHA500F-24, GHA500F-30, GHA500F-48 and GHA500F-56) Output Ratings: See test report for details.
Trademark / Brand (if any)	
Customer's Testing Facility (CTF) Stage used	
Model / Type Ref.	GHA500F-5, GHA500F-12, GHA500F-15, GHA500F-24, GHA500F-30, GHA500F-48 and GHA500F-56. May be provided with suffix "#####". Where "#" is "J1", "J2", "J3", "T3", "R3", "P", "Dxxxx", "M", "C", "V", "SNF" or blank. Where "x" is any number 0 to 9, ., or blank
Additional information (if necessary may also be reported on page 2)	The report was revised to include administrative 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-A6155-CB-1 issued on 2024-09-11

This CB Test Certificate is issued by the National Certification Body



- 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: 2024-09-12
Original Issue Date: 2022-10-06

Signature:
Masamichi Takagi



Ref. Certif. No.

JP-26543-A1-UL

Factory(ies):

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

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

Summary of Modifications:

- Add one factory.

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: 2024-09-12
Original Issue Date: 2022-10-06

Signature:

Masamichi Takagi



Ref. Certif. No.

JP-26543-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 TATEYAMA MACHI NAKANIKAWA-GUN TOYAMA 930-0241 JAPAN Additional Information on page 2
Note: When more than one factory, please report on page 2	
Ratings and principal characteristics	Input: 100-240 VAC, 50-60 Hz, 2.5 A (Model GHA500F-5), 5.4 A (Model GHA500F-12, GHA500F-15, GHA500F-24, GHA500F-30, GHA500F-48 and GHA500F-56) Output Ratings: See test report for details.
Trademark / Brand (if any)	
Customer's Testing Facility (CTF) Stage used	
Model / Type Ref.	GHA500F-5, GHA500F-12, GHA500F-15, GHA500F-24, GHA500F-30, GHA500F-48 and GHA500F-56. May be provided with suffix "-#####". Where "#" is "J1", "J2", "J3", "T3", "R3", "P", "Dxxxx", "M", "C", "V", "SNF" or blank. Where "x" is any number 0 to 9, ., 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. 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-A6155-CB-1 issued on 2023-12-25

This CB Test Certificate is issued by the National Certification Body



- 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: 2023-12-26
Original Issue Date: 2022-10-06

Signature:
Masamichi Takagi



Ref. Certif. No.

JP-26543-M1-UL

Factory(ies):

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

Summary of Modifications:

- [1] Replaced specifications by adding minor tapes for Transformer (T12) Type S018**.
- [2] Addition of alternate Insulation Sheet (for suffix SNF), Sabic Japan L L C or Sabic Innovative Plastics US L L C, Type EFR95.
- [3] Deletion of alternate Insulation Tape for top side of Core and alternate Insulation Tape for outer side and inside of Core for Transformer (T12), Jingjiang Yahua Pressure Sensitive Glue Co., Ltd., Type PF.

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/nbcnames

Date: 2023-12-26
Original Issue Date: 2022-10-06

Signature:

Masamichi Takagi



Ref. Certif. No.

JP-26543-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 TATEYAMA MACHI NAKANIKAWA-GUN TOYAMA 930-0241 JAPAN
Note: When more than one factory, please report on page 2	
Ratings and principal characteristics	<input checked="" type="checkbox"/> Additional Information on page 2 Input: 100-240 VAC, 50-60 Hz, 2.5 A (Model GHA500F-5), 5.4 A (Model GHA500F-12, GHA500F-15, GHA500F-24, GHA500F-30, GHA500F-48 and GHA500F-56) Output Ratings: See test report for details.
Trademark / Brand (if any)	
Customer's Testing Facility (CTF) Stage used	
Model / Type Ref.	GHA500F-5, GHA500F-12, GHA500F-15, GHA500F-24, GHA500F-30, GHA500F-48 and GHA500F-56. May be provided with suffix "-#####". Where "#" is "J1", "J2", "J3", "T3", "R3", "P", "Dxxxx", "M", "C", "V", "SNF" or blank. Where "x" is any number 0 to 9, ., 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. <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-A6155-CB-1 issued on 2022-10-05

This CB Test Certificate is issued by the National Certification Body



- 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, 1-6-3 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: 2022-10-06

Signature:

Masamichi Takagi



Ref. Certif. No.

JP-26543-UL

Factory(ies):

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

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

Date: 2022-10-06

Signature:

Masamichi Takagi