Ref. Certif. No.

JP-25764-M2-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	NIPRON CO LTD 2-57 OHAMA-CHO AMAGASAKI-SHI HYOGO-KEN 660-0095 JAPAN
Name and address of the manufacturer	NIPRON CO LTD 2-57 OHAMA-CHO AMAGASAKI-SHI HYOGO-KEN 660-0095 JAPAN
Name and address of the factory Note: *When more than one factory, please report on page 2*	NIPRON CO LTD 2-57 OHAMA-CHO AMAGASAKI-SHI HYOGO-KEN 660-0095 JAPAN ☒ Additional Information on page 2
Ratings and principal characteristics	See Page 2
Trademark / Brand (if any)	None
Customer's Testing Facility (CTF) Stage used	
Model / Type Ref.	See Page 2
Additional information (if necessary may also be reported on page 2)	The report was revised to include technical modifications. National Differences specified in the CB Test Report. ☒ Additional Information on page 3
A sample of the product was tested and found to be in conformity with	IEC 60950-1:2005, IEC 60950-1:2005/AMD1:2009, IEC 60950-1:2005/AMD2:2013
As shown in the Test Report Ref. No. which forms part of this Certificate	E161936-A69-CB-4 issued on 2023-05-14

This CB Test Certificate is issued by the National Certification Body

UL Solutions

☐ 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: 2023-05-15
Original Issue Date: 2021-12-21

Signature: M. Takagi
Masamichi Takagi

Factory(ies):

NIPRON CO LTD
3249 OIZU INDUSTRIAL PARK IN OYODO KOGYO DANCHI OAZA-YAMAOIZU AZA-NAKAJIMA
MEIWA-CHO TAKI-GUN MIE-KEN 515-0303
JAPAN

Model Detail(s):
OZP-350-12, mOZP-350-12, OZP-350-15, mOZP-350-15, OZP-350-24, mOZP-350-24, OZP-350-30, mOZP-350-30, OZP-350-36, mOZP-350-36, OZP-350-48, mOZP-350-48 (maybe followed by suffix "-xyfnnzghij", x: "J" or "T", y: "0" or "S", f: "0" or "E", n: Any number "0" to "9", any letter "A" to "Z" or blank, z: blank, "-0", "-C", "-K", or "-U", g: "-" or blank, h to j: Any number "0" to "9", any letter "A" to "Z" or blank)

OZPa-350-12V/bcd, OZPa-350-24V/bcd, OZPa-350-30V/bcd, OZPa-350-36V/bcd, and OZPa-350-48V/bcd (maybe followed by suffix "-xyfnnzghij", a: Any number "0" to "9" or any letter "a" to "z" or blank, b to d: Any number "0" to "9", any letter "A" to "Z" or blank, x: "J" or "T", y: "0" or "S", f: "0" or "E", n: Any number "0" to "9", any letter "A" to "Z" or blank, z: blank, "-0", "-C", or "-K", g: "-" or blank, h to j: Any number "0" to "9", any letter "A" to "Z" or blank)

Ratings:

350-12, mOZP-350-12, and OZPa-350-12V/bcd
Input: 100-240 Vac, 4.8 A, 50-60 Hz
Output: 12 Vdc, 25 A (42 Apeak)

OZP-350-15 and mOZP-350-15
Input: 100-240 Vac, 4.8A, 50-60 Hz
Output: 15 Vdc, 20 A (40 Apeak)

OZP-350-24, mOZP-350-24, and OZPa-350-24V/bcd
Input: 100-240 Vac, 5.5 A, 50-60 Hz
Output: 24 Vdc, 14.6 A (25 Apeak)

OZP-350-30, mOZP-350-30, and OZPa-350-30V/bcd
Input: 100-240 Vac, 5.5 A, 50-60 Hz
Output: 30 Vdc, 11.7 A (20 Apeak)

OZP-350-36, mOZP-350-36, and OZPa-350-36V/bcd
Input: 100-240 Vac, 5.5 A, 50-60 Hz
Output: 36 Vdc, 9.8 A (16.7 Apeak)

OZP-350-48, mOZP-350-48, and OZPa-350-48V/bcd
Input: 100-240 Vac, 5.5 A, 50-60 Hz
Output: 48 Vdc, 7.3 A (12.5 Apeak)

Additional information (if necessary)

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☐ 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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Signature:

Masamichi Takagi

Summary of Modifications:
- Change description of model suffix.
- Addition of alternate Base of Inductors (LF1, LF2), Type LUPOX GP1006FD.
- Deletion of Insulation Tape of Inductor (L3) in Table 1.5.1.
- Change current rating of FET (Q2), from minimum 40A to minimum 30A.
- Addition of manufacturer of Transformer (T1), Types MT1615X and MT1616X, Shenzhen Jewel Electronic Co., Ltd.
- Addition of alternate Optical Isolators (PC1, PC2, PC4, PC5, PC500), Type LTV-816.
- Addition of Material of Connector (CN3), Type PA66-RNG00.
- Deletion of Transformer (T3), Type CT1054 in Table 1.5.1.
- Minor correction of Table 1.5.1 not affecting safety.
- Additional evaluation of Korea National Differences.
- Delete the description “China”, "Israel" from ”List of countries addressed” and add the following sentence to "additional information".

See Reissue Report for the evaluation of National Differences for “China”, "Israel". National Differences for these countries were evaluated in the Reissue Report and it was considered to still valid.

Additional information (if necessary)

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