



Ref. Certif. No.

JP-27094-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

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

NIPRON CO LTD
2-57 OHAMA-CHO AMAGASAKI-SHI HYOGO-KEN 660-0095
JAPAN

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

☒ Additional Information on page 2

Ratings and principal characteristics

See page 2-3

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

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

E161936-A6064-CB-1 issued on 2024-04-02

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: 2024-04-03

Original Issue Date: 2023-06-08

Signature:

M. Takagi
Masamichi Takagi



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Factory(ies):

NIPRON CO LTD
282-17 Nishiyama Taki-cho Taki-gun Mie 519-2171
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:

OZP-350-12

Input: 100-240 Vac, 4.8 A, 50-60 Hz

Output: 12 Vdc, 25 A (42 or 58.3 Apeak)

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

Input: 100-240 Vac, 4.8A, 50-60 Hz

Output: 15 Vdc, 20 A (40 or 46.6 Apeak)

mOZP-350-15

Input: 100-240 Vac, 4.8A, 50-60 Hz

Output: 15 Vdc, 20 A (40 Apeak)

OZP-350-24

Input: 100-240 Vac, 5.5 A, 50-60 Hz

Output: 24 Vdc, 14.6 A (25 or 29.1 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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Ratings:

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
Input: 100-240 Vac, 5.5 A, 50-60 Hz
Output: 30 Vdc, 11.7 A (20 or 23.3 Apeak)

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
Input: 100-240 Vac, 5.5 A, 50-60 Hz
Output: 36 Vdc, 9.8 A (16.7 or 19.4 Apeak)

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
Input: 100-240 Vac, 5.5 A, 50-60 Hz
Output: 48 Vdc, 7.3 A (12.5 or 14.5 Apeak)

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)

Summary of Modifications:

- Change Factory address
- Addition of alternate Input Terminal Block (CN1) / Terminal Block (CN8), Type DG58C-B*y.
- Deletion of Input Terminal Block (CN1) / Terminal Block (CN8), Types W101D-3M and W101D-4M.
- Addition of alternate Base of Inductors (LF1, LF2), Type 4130-(A)F.
- Addition of Manufacturer of Transformer (T1), Types MT1690, MT1630, MT1617, MT1618, Shenzhen Jewel Electronic Co., Ltd.
- Addition of alternate Insulation System, Type JSIS-130, to Transformer (T1), Types MT1690, MT1630, MT1617, MT1618.
- Addition of alternate Bobbin, Type PM-9823, to Transformer (T1), Types MT1630, MT1617, MT1618.
- Addition of alternate Bobbin, Type T200HF, to Transformer (T1), Types MT1615 and MT1616.

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