

**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

Trademark / Brand (if any)

None

Type of Customer's Testing Facility (CTF) Stage used

Model / Type Ref.

GPSA-600-24Px, GPSA-600-12Px, GPSA-600-36Px,
GPSA-600-48Px, GPSA-1000-24Px, GPSA-1000-42Px,
GPSA-1000-48Px
(where x maybe maximum 20 characters, any alphanumeric
character, hyphen or blank, which denotes control number)

Additional information (if necessary may also be
reported on page 2)

(Correction)
Additionally evaluated to EN 60950-1:2006/ A11:2009/ A1:2010/
A12:2011/ A2:2013.
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-A78-CB-2 issued on 2020-02-17

This CB Test Certificate is issued by the National Certification Body



- ☐ UL (US), 333 Pfingsten Rd IL 60062, Northbrook, USA
- ☐ UL (Demko), 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: 2020-02-18

Signature:

Original Issue Date: 2015-09-29

Masamichi Takagi

Factories:

NIPRON CO LTD

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

Ratings:
Input:

For all models except for Models GPSA-1000-24Px, GPSA-1000-42Px, GPSA-1000-48Px
100-240 Vac, 50/60 Hz, 7.5-3.2 A

For Models GPSA-1000-24Px, GPSA-1000-48Px

1)100-240Vac, 50/60Hz, 10.7-4.6 A or

2)115-240Vac, 50/60Hz, 10.2-4.9A

For Model GPSA-1000-42Px

1)100-240Vac, 50/60Hz, 9.4-4.3 A or

2)115-240Vac, 50/60Hz, 9.0-4.3A

Output:

For Model GPSA-600-24Px

CH1: 24 Vdc, 25 A; CH2: 12 VSB, 0.5 A (Total maximum power 606 W.)

For Model GPSA-600-12Px

Output: CH1: 12 Vdc, 50 A; CH2: 12 VSB, 0.5 A (Total maximum power 606 W.)

For Model GPSA-600-36Px

Output: CH1: 36 Vdc, 16.7 A; CH2: 12 VSB, 0.5 A (Total maximum power 607.2 W.)

For Model GPSA-600-48Px

Output: CH1: 48 Vdc, 12.5 A; CH2: 12 VSB, 0.5 A (Total maximum power 606 W.)

For Model GPSA-1000-24Px

1)CH1: 24 Vdc, 37.8 A; CH2: 12 VSB, 0.5 A (Total maximum power 913W) or

2)CH1: 24 Vdc, 42 A; CH2: 12 VSB, 0.5 A (Total maximum power 1014W)

For Model GPSA-1000-42Px

1)CH1: 42.8 Vdc, 18.9 A; CH2: 12 VSB, 0.5 A (Total maximum power 815 W) or

2)CH1: 42.8 Vdc, 21 A; CH2: 12 VSB, 0.5 A (Total maximum power 905W)

For Model GPSA-1000-48Px

1)CH1: 48 Vdc, 18.9 A; CH2: 12 VSB, 0.5 A (Total maximum power 913W) or

2)CH1: 48 Vdc, 21 A; CH2: 12 VSB, 0.5 A (Total maximum power 1014W)

Additional information (if necessary)


UL (US), 333 Pfingsten Rd IL 60062, Northbrook, USA

UL (Demko), Borupvang 5A DK-2750 Ballerup, DENMARK

UL (JP), Marunouchi Trust Tower Main Building 6F, 1-8-3 Marunouchi, Chiyoda-ku, Tokyo 100-0005, JAPAN

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Additional Information:

The original report was modified to include the following changes/additions:

- Correction of manufacturer name of Core Insulation Case, Base of Line Filters (LF101, LF102) and Core insulating case of Line Filter (LF100), from "LG Chemical Ltd." to "LG Chem Ltd." and type from "GP-1006F" to "LUPOX GP-1006F(#)" in Table1.5.1 and Table4.5.5.
- Correction of manufacturer name of Core Insulation Case, Base of Line Filters (LF101, LF102) and Core insulating case of Line Filter (LF100), from "LG Chemical Ltd." to "LG Chem Ltd." and type from "GP-2156F" to "LUPOX GP-2156F(#)" in Table1.5.1 and Table4.5.5.
- Correction of manufacturer name of Core Insulation Case, Base of Line Filters (LF101, LF102) and Core insulating case of Line Filter (LF100), from "LG Chemical Ltd." to "LG Chem Ltd." and type from "GP-2306F" to "LUPOX GP-2306F(#)" in Table1.5.1 and Table4.5.5.
- Correction of type of Line Filters (LF101, LF102), from "FK-130GK-3720" to "FK-130GK-3720KR" in Table1.5.1.
- Deletion of Core Insulation Case, Base of Line Filters (LF101, LF102), type P.B.T. 420SE0 in Table1.5.1 and Table4.5.5.
- Correction of RTI of Core Insulation Case, Base of Line Filters (LF101, LF102), type PBT-RG301 from 125°C to 130°C in Table1.5.1.
- Deletion of Line Filters (LF101, LF102), type SCR25-100-x in Table1.5.1.
- Correction of type of Line Filter (LF100), from "FK-130GK-2710" to "FK-130DK-2710" in Table1.5.1.
- Correction of type of Thermistor (TH101), from "NCP21XV10" to "NCP21XV103" in Table1.5.1.
- Addition of alternate Line Choke (L101), type FAA157-14-08-95T2TB.
- Correction of capacity of Bridging Capacitor (C109), type RA, from 2200pF to 1500pF in Table1.5.1.
- Correction of type of Insulation Tape, from "371F" to "371F-1" in Table1.5.1 and Table2.10.5.
- Deletion of Margin Tape, type 673FG and 850F in Table1.5.1.
- Correction of type of Tube for Transformer (T101), from "S-693F1" to "S-693F-1" in Table1.5.1.
- Correction of type of Photo Couplers (PC101, PC301, PC302, PC303, PC304), from "PS2561DL" to "PS2561DL-1" in Table1.5.1.
- Correction of manufacturer name of Photo Couplers (PC101, PC301, PC302, PC303, PC304), from "Sharp Corporation Electronic Components and Devices Division" to "Sharp Corporation Electronic Components and Devices BU" in Table1.5.1.
- Correction of type of Insulating Tubing from "NH-3" to "NH-3 (300V)" in Table 1.5.1.
- Correction of type of Insulation Sheet from "Carbo Glass CFR" to "CARBOGLASS CFR230C" in Table1.5.1 and Table2.10.5.
- Correction of type of Thermistor (TH201), from "NCP21XV10" to "NCP21XV103" in Table1.5.1.
- Correction of standard information in Table1.5.1.
- Correction of Allowed Tmax of Line Filter (LF100), from 140°C to 125°C in Table4.5.
- Correction of type of DC Fan from "DT06A012TS" to "D06A-12TS" in clause Annex B.1 and Table5.3.
- Correction of Enclosure Id. numbers.

Additional information (if necessary)



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