

IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST CERTIFICATES FOR ELECTRICAL EQUIPMENT (IECEE) CB SCHEME
CB TEST CERTIFICATE

Product	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	<input checked="" type="checkbox"/> Additional Information on page 2
Ratings and principal characteristics	<input checked="" type="checkbox"/> Additional Information on page 2
Trademark (if any)	None
Customer's Testing Facility (CTF) Stage used	
Model / Type Ref.	UZP-220-12x, UZP-220-18x, UZP-220-24x, and UZP-220-48x (where x maybe maximum 20 characters, any alphanumeric character, hyphen, slash or blank)
Additional information (if necessary may also be reported on page 2)	(Technical Modification) 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 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-A88-CB-2 issued on 2021-06-18

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: 2021-06-22
Original Issue Date: 2015-02-27

Signature:



Masamichi Takagi

Factories:

NIPRON CO LTD

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

Ratings:

<UZP-220-12x>

AC Input: AC100-240V, 3.0A, 50-60Hz

DC Output: 12V, 15A (maximum 21A, peak 33.4A)

Peak DC Output Wattage: 400.8W (See Enclosure Id. 07-04 for details.)

Total DC Output Wattage without forced airflow: 180W

Total DC Output Wattage with forced airflow: 252W

<UZP-220-18x>

AC Input: AC100-240V, 2.9A, 50-60Hz

DC Output: 18V, 10A (maximum 14A, peak 22.3A)

Peak DC Output Wattage: 401.4W (See Enclosure Id. 07-04 for details.)

Total DC Output Wattage without forced airflow: 180W

Total DC Output Wattage with forced airflow: 252W

<UZP-220-24x>

AC Input: AC100-240V, 3.8A, 50-60Hz

DC Output: 24V, 9.2A (maximum 13.8A, peak 16.7A)

Peak DC Output Wattage: 400.8W (See Enclosure Id. 07-04 for details.)

Total DC Output Wattage without forced airflow: 220.8W

Total DC Output Wattage with forced airflow: 331.2W

<UZP-220-48x>

AC Input: AC100-240V, 3.7A, 50-60Hz

DC Output: 48V, 4.6A (maximum 6.9A, peak 8.4A)

Peak DC Output Wattage: 403.2W (See Enclosure Id. 07-04 for details.)

Total DC Output Wattage without forced airflow: 220.8W

Total DC Output Wattage with forced airflow: 331.2W

Summary of Modifications:

- Addition of an alternative manufacturer "Chaoyue Precision Electronics Co., Ltd." to Transformer (T1) MT1633.

- Addition of an alternative Insulation System to Transformer (T1) MT1633.

Mfr.: Chaoyue Precision Electronics Co., Ltd., Type: SBI4.2, Insulation Class B.

- Addition of an alternative bobbin material to Transformer (T1) MT1633.

Mfr.: Sumitomo Bakelite Co., Ltd., Type: PM-9823.

- Revision of Enclosure id 07-07.

- Revision of National Differences for IEC 60950-1:2005 (Second Edition); Am1:2009 + Am2:2013 fulfilling the requirements of AS/NZS 60950.1:2015 (Australia/New Zealand).

- Revision of National Differences for IEC 60950-1:2005 (Second Edition); Am1:2009 + Am2:2013 fulfilling the requirements of J60950-1 (H29) (Japan).

- Modify the following manufacturer name.

From: Pilkor Electronics Ltd. / To: Cowell Fashion Co., Ltd. Pilkor Electronics

From: Wintech Polymer Ltd. / To: Polyplastics Co., Ltd.

From: Sabic Innovative Plastics Japan L L C / To: Sabic Japan L L C

From: Hitachi Chemical Co., Ltd. / To: Showa Denko Materials Techno Service Co., Ltd.

From: 3M Company Electrical Markets Div. (EMD) / To: 3M Company

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
- ☐ UL (CA), 7 Underwriters Road, Toronto, M1R 3B4 Ontario, CANADA

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