Ref. Certif. No.

JP-22090-UL

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 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)	Nipron
Type of Customer's Testing Facility (CTF) Stage used	
Model / Type Ref.	mNSP3-450P, mPCSA-500P
Additional information (if necessary may also be reported on page 2)	Additionally evaluated to EN 62368-1:2014/ A11:2017. 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 62368-1:2014
As shown in the Test Report Ref. No. which forms part of this Certificate	E161936-A6019-CB-1 issued on 2020-09-10

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: 2020-09-11

Signature: M. Takagi

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: 100-240V~, 50/60Hz, 4.8-2.0A
Output: CH1: 3.3 V, 20 A, CH2: 5 V, 22 A, CH3: 12 V, 22 A, CH4: -12 V, 0.5 A, CH5: 5 VSB, 2 A
CH1 + CH2: Total maximum 160 W.
CH3: Maximum 264 W.
CH1 + CH2 + CH3: Total maximum 285 W.
CH4: Maximum 6 W.
CH5: Maximum 10 W.
CH1 + CH2 + CH3 + CH4 + CH5: Total maximum 301 W.

Peak Output for mNSP3-450P (maximum 5 seconds, duty 1/10):
CH1: 3.3 V, 30 A, CH2: 5 V, 33 A, CH3: 12 V, 30 A, CH4: -12 V, 0.5 A, CH5: 5 VSB, 2.5 A
CH1 + CH2: Total maximum 200 W.
CH3: Maximum 360 W.
CH1 + CH2 + CH3: Total maximum 432 W.
CH4: Maximum 6 W.
CH5: Maximum 12.5 W.
CH1 + CH2 + CH3 + CH4 + CH5: Total maximum 450.5 W.

Peak Output for mPCSA-500P (maximum 5 seconds, duty 1/10):
CH1: 3.3 V, 30 A, CH2: 5 V, 33 A, CH3: 12 V, 30 A, CH4: -12 V, 0.5 A, CH5: 5 VSB, 2.5 A
CH1 + CH2: Total maximum 200 W.
CH3: Maximum 360 W.
CH1 + CH2 + CH3: Total maximum 482 W.
CH4: Maximum 6 W.
CH5: Maximum 12.5 W.
CH1 + CH2 + CH3 + CH4 + CH5: Total maximum 500.5 W.

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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Date: 2020-09-11

Signature:
Masamichi Takagi