Ref. Certif. No.

**JP-12530-UL**

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

SYSTEME CEI D'ACCEPTATION MUTUELLE DE CERTIFICATS D'ESSAIS DES EQUIPEMENTS ELECTRIQUES (IECEE) METHODE OC

## CB TEST CERTIFICATE

## CERTIFICAT D'ESSAI OC

| | |
|---|---|
| Product<br>Produit | Power Supply |
| Name and address of the applicant<br>Nom et adresse du demandeur | NIPRON CO LTD<br>2-57 OHAMA-CHO AMAGASAKI-SHI HYOGO-KEN 660-0095 JAPAN |
| Name and address of the manufacturer<br>Nom et adresse du fabricant | NIPRON CO LTD<br>2-57 OHAMA-CHO AMAGASAKI-SHI HYOGO-KEN 660-0095 JAPAN |
| Name and address of the factory<br>Nom et adresse de l'usine<br>Note: *When more than one factory, please report on page 2*<br>Note: *Lorsque il y plus d'une usine, veuillez utiliser la 2ème page* | NIPRON CO LTD<br>2-57 OHAMA-CHO AMAGASAKI-SHI HYOGO-KEN 660-0095 JAPAN<br>☐ Additional Information on page 2 |
| Ratings and principal characteristics<br>Valeurs nominales et caractéristiques principales | See Page 2 |
| Trademark (if any)<br>Marque de fabrique (si elle existe) | Nipron |
| Type of Manufacturer's Testing Laboratories used<br>Type de programme du laboratoire d'essais constructeur | |
| Model / Type Ref.<br>Ref. De type | mNSP3-450P, mPCSA-500P |
| Additional information (if necessary may also be reported on page 2)<br>Les informations complémentaires (si nécessaire,, peuvent être indiqués sur la 2ème page | Additionally evaluated to EN 60950-1:2006/A11:2009/A1:2010/ A12:2011/A2:2013<br>National Differences specified in the CB Test Report.<br>☐ Additional Information on page 2 |
| A sample of the product was tested and found to be in conformity with<br>Un échantillon de ce produit a été essayé et a été considéré conforme à la | IEC 60950-1(ed.2), IEC 60950-1(ed.2);am1, IEC 60950-1(ed.2);am2 |
| As shown in the Test Report Ref. No. which forms part of this Certificate<br>Comme indiqué dans le Rapport d'essais numéro de référence qui constitue partie de ce Certificat | E161936-A36-CB-3 issued on 2015-07-29 |

This CB Test Certificate is issued by the National Certification Body
Ce Certificat d'essai OC est établi par l'Organisme **National de Certification**

☐ 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: 2015-07-29

Signature:

Yoshihiro Yamamoto

Ratings:
Input: 100-240 Vac, 50/60 Hz, 4.8-2.0 A
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)**
**Information complémentaire (si nécessaire)**

- ☐ 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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