CERTIFICATE

Issued to:
Applicant:
BRIDGELUX, INC.
46410 Fremont Boulevard, Fremont
Fremont CA 94538, United States Of America

Licensee:
Foshan Eaglerise Power Science & Technology (Shunde) Co.,Ltd.
No.4, East Huanzhen Road, Beijiao Shunde
528000 Foshan, Guangdong, China

Product	:	LED Power Supply
Trade name(s)	:	Bridgelux
Type(s)/model(s)	:	BXNS-MS-20LT-E104N-01-A, BXNS-MS-40LT-E105N-01-A, BXNS-MS-60LT-E106N-01-A, BXNS-MS-H0LT-E107N-01-A and BXNS-MS-H5LT-E109N-01-A

The product and any acceptable variation thereto as specified in the Annex to this certificate and the documents therein referred to.

DEKRA hereby declares that the above-mentioned product has been certified on the basis of:
- a type test according to EN 61347-1:2015, EN 61347-1:2015/A1:2021, EN 61347-2-13:2014, EN 61347-2-13:2014/A1:2017 and EN IEC 62384:2020
- an inspection of the factory location according to CENELEC Operational Document CIG 021
- a DEKRA certification agreement with the number 2178893

DEKRA hereby grants the right to use the ENEC certification mark.

The ENEC certification mark may be applied to the product as specified in this certificate for the duration and under the conditions of the ENEC certification agreement.

This certificate is issued on 25 January 2024 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 35-135765

DEKRA Certification B.V.

B.T.M. Holtus
Managing Director

Miranda Zhou
Certification Manager

ACCREDITED BY THE DUTCH ACCREDITATION COUNCIL

PRODUCTS RvA C 001

DEKRA Certification B.V. Meander 1051, 6825 MJ Arnhem P.O. Box 5185, 6802 ED Arnhem, Netherlands
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SPECIFICATION OF THE CERTIFIED PRODUCT

Product data

Product	:	LED Power Supply
Trade name(s)	:	Bridgelux
Type(s)/model(s)	:	BXNS-MS-20LT-E104N-01-A, BXNS-MS-40LT-E105N-01-A, BXNS-MS-60LT-E106N-01-A, BXNS-MS-H0LT-E107N-01-A and BXNS-MS-H5LT-E109N-01-A
Rated voltage	:	220-240 V
Rated frequency	:	50/60 Hz
Ambient temperature	:	60 °C
Class of insulation	:	Class I construction
Degree of protection	:	IP20
Additional information	:	110 °C thermal protection, built-in type, auto-wound, non-inherently short circuit proof;

Product data – type BXNS-MS-20LT-E104N-01-A

Max.current	:	0,15 A
Max. case temperature	:	80 °C
Max.Power	:	19,25-22 W

Product data – type BXNS-MS-40LT-E105N-01-A

Max.current	:	0,25 A
Max. case temperature	:	85 °C
Max.Power	:	22-40 W

Product data – type BXNS-MS-60LT-E106N-01-A

Max.current	:	0,35 A
Max. case temperature	:	85 °C
Max.Power	:	55-60 W

Product data – type BXNS-MS-H0LT-E107N-01-A

Max.current	:	0,6 A
Max. case temperature	:	85 °C
Max.Power	:	77-100 W

Product data – type BXNS-MS-H5LT-E109N-01-A

Max.current	:	0,9 A
Max. case temperature	:	85 °C
Max.Power	:	121-150 W

TESTS

Test requirements

EN 61347-1:2015
EN 61347-1:2015/A1:2021
EN 61347-2-13:2014
EN 61347-2-13:2014/A1:2017
EN IEC 62384:2020

Test result
The test results are laid down in DEKRA test file 490060500, 491259800.

Additional information
The list of components is laid down in test report 4912598.50, 4912598.51.

Conclusion
The examination proved that all requirements were met.

Factory locations
Foshan Eaglerise Power Science & Technology (Shunde) Co.,Ltd.
No.4, East Huanzhen Road, Beijiao Shunde
528000 Foshan, Guangdong, China

EAGLERISE ELECTRIC & ELECTRONIC (JI AN) CO., LTD
West Zone, Ji An County Industrial Park, Ji An County
343100 Ji An City, Jiangxi, China

Trade name(s) : bridgelux stands for

Model List

No.	Model list	Input			Output				ta (℃)	tc (℃)	Remark
		Voltage (VAC)	Frequency (Hz)	Max. Current (A)	Normal working voltage (VDC)	Irated (mA)	Max. Power (W)	Max. voltage (No load) (VDC)			
1	BXNS-MS-20LT-E104N-01-A	220-240	50/60	0.15	40-220	100	22	250	60	80	Same circuit diagram and PCB layout
					40-165	120	19.8				
					40-130	150	19.5				
					40-100	200	20				
					40-80	250	20				
					40-65	300	19.5				
					40-55	350	19.25				
2	BXNS-MS-40LT-E105N-01-A	220-240	50/60	0.25	40-220	100	22	250	60	85	
					40-220	150	33				
					40-200	200	40				
					40-160	250	40				
					40-133	300	39.9				
					40-114	350	39.9				
					40-100	400	40				
					40-88	450	39.6				
3	BXNS-MS-60LT-E106N-01-A	220-240	50/60	0.35	40-220	250	55	250	60	85	---
					40-200	300	60				
					40-170	350	59.5				
					40-150	400	60				
					40-130	450	58.5				
					40-120	500	60				
					40-105	550	57.75				
					40-100	600	60				
4	BXNS-MS-H0LT-E107N-01-A	220-240	50/60	0.6	40-220	350	77	250	60	85	
					40-220	400	88				
					40-220	450	99				
					40-200	500	100				
					40-180	550	99				
					40-160	600	96				
					40-146	650	94.9				
					40-136	700	95.2				
5	BXNS-MS-H5LT-E109N-01-A	220-240	50/60	0.9	40-220	550	121	250	60	85	Same circuit diagram and PCB layout
					40-220	600	132				
					40-220	650	143				
					40-210	700	147				
					40-200	750	150				
					40-180	800	144				
					40-170	850	144.5				
					40-160	900	144				