



Product Service

Attestation of Conformity

No. N8A 086894 0023 Rev. 02

Holder of Certificate: **ZHONGSHAN PROTOSTAR
optoelectronic Co.,Ltd**
No.6,Fuheng Dong Road, Yongxing Ind.Zone, Henglan Town
528478 Zhongshan,Guangdong
PEOPLE'S REPUBLIC OF CHINA

Product: **Electric insect killers / Equipment for
varmint protection
(Electric insect killer)**

This Attestation of Conformity is issued on a voluntary basis according to the Low Voltage Directive 2014/35/EU relating to electrical equipment designed for use within certain voltage limits. It confirms that the listed equipment complies with the principal protection requirements of the directive and is based on the technical specifications applicable at the time of issuance. It refers only to the particular sample submitted for testing and certification. For details see: www.tuvsud.com/ps-cert

Test report no.: 64110190009703

Date, 2021-02-23

(Darius Guo)

Page 1 of 5

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Attestation of Conformity

No. N8A 086894 0023 Rev. 02

Model(s):

Series I:

N12W-(14W) series:

DK90-2X6L1, DK90B-2X6L1, JB20B-2X6L1,
JB20C-2X6L1, JB20D-2X6L1, JB20E-2X6L1,
JB20M-2X6L1, JB90D-2X6L1, JB90M-2X6L1,
JR89-2X6L1, JR89A-2X6L1, JX888-2X6L1,
SP100-2X6L1, SP100A-2X6L1, N85A-2X6L1,
JB20F-2X6L1

N16W-(15W) series:

DK90-2X8L1, DK90B-2X8L1, JB20B-2X8L1,
JB20C-2X8L1, JB20D-2X8L1, JB20E-2X8L1,
JB20M-2X8L1, JB90D-2X8L1, JB90M-2X8L1,
JR89-2X8L1, JR89A-2X8L1, JX888-2X8L1,
N85A-2X8L1, JB20F-2X8L1

N20W-(17W) series:

B20E-2X10L1, B20P-2X10L1, DK90-2X10L1,
DK90B-2X10L1, JA220D-2X10L1, JB20B-2X10L1,
JB20C-2X10L1, JB20D-2X10L1, JB20E-2X10L1,
JB20M-2X10L1, JB90D-2X10L1, JB90M-2X10L1,
JR89-2X10L1, JR89A-2X10L1, JX888-2X10L1,
N85A-2X10L1, JB20F-2X10L1

N30W-(19W) series:

B20E-2X15L1, B20P-2X15L1, DK90-2X15L1,
DK90B-2X15L1, JA220D-2X15L1, JB20B-2X15L1,
JB20C-2X15L1, JB20D-2X15L1, JB20E-2X15L1,
JB20M-2X15L1, JB90D-2X15L1, JB90M-2X15L1,
JR89-2X15L1, JR89A-2X15L1, JX888-2X15L1,
N85A-2X15L1, SP100-2X15L1, SP100A-2X15L1,
JB20F-2X15L1

N40W-(24W) series:

B20E-2X20L1, B20P-2X20L1, DK90-2X20L1,
DK90B-2X20L1, JA220D-2X20L1, JB20B-2X20L1,
JB20C-2X20L1, JB20D-2X20L1, JB20E-2X20L1,
JB20M-2X20L1, JB90D-2X20L1, JB90M-2X20L1,
JR89-2X20L1, JR89A-2X20L1, JX888-2X20L1,
N85A-2X20L1, SP100-2X20L1, SP100A-2X20L1,
JB20F-2X20L1

Series II:

N12W-(7W) series:

DK90-2X6L2, DK90B-2X6L2, JB20B-2X6L2,
JB20C-2X6L2, JB20D-2X6L2, JB20E-2X6L2,
JB20M-2X6L2, JB90D-2X6L2, JB90M-2X6L2,
JR89-2X6L2, JR89A-2X6L2, JX888-2X6L2,
SP100-2X6L2, N85A-2X6L2, JB20F-2X6L2

N16W-(9W) series:

DK90-2X8L2, DK90B-2X8L2, JB20B-2X8L2,
JB20C-2X8L2, JB20D-2X8L2, JB20E-2X8L2,
JB20M-2X8L2, JB90D-2X8L2, JB90M-2X8L2,

Page 2 of 5

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Attestation of Conformity

No. N8A 086894 0023 Rev. 02

JR89-2X8L2, JR89A-2X8L2, JX888-2X8L2,
N85A-2X8L2, JB20F-2X8L2

N20W-(12W) series:

B20E-2X10L2, DK90-2X10L2, DK90B-2X10L2,
JA220D-2X10L2, JB20B-2X10L2, JB20C-2X10L2,
JB20D-2X10L2, JB20E-2X10L2, JB20M-2X10L2,
JB90D-2X10L2, JB90M-2X10L2, JR89-2X10L2,
JR89A-2X10L2, JX888-2X10L2, N85A-2X10L2,
JB20F-2X10L2

N30W-(14W) series:

B20E-2X15L2, DK90-2X15L2, DK90B-2X15L2,
JA220D-2X15L2, JB20B-2X15L2, JB20C-2X15L2,
JB20D-2X15L2, JB20E-2X15L2, JB20M-2X15L2,
JB90D-2X15L2, JB90M-2X15L2, JR89-2X15L2,
JR89A-2X15L2, JX888-2X15L2, N85A-2X15L2,
SP100-2X15L2, JB20F-2X15L2

N40W-(16W) series:

B20E-2X20L2, DK90-2X20L2, DK90B-2X20L2,
JA220D-2X20L2, JB20B-2X20L2, JB20C-2X20L2,
JB20D-2X20L2, JB20E-2X20L2, JB20M-2X20L2,
JB90D-2X20L2, JB90M-2X20L2, JR89-2X20L2,
JR89A-2X20L2, JX888-2X20L2, N85A-2X20L2,
SP100-2X20L2, JB20F-2X20L2

Series III:

N12W-(14W) series:

DK90-2X6L3, DK90B-2X6L3, JB20B-2X6L3,
JB20C-2X6L3, JB20D-2X6L3, JB20E-2X6L3,
JB20M-2X6L3, JB90D-2X6L3, JB90M-2X6L3,
JR89-2X6L3, JR89A-2X6L3, JX888-2X6L3,
SP100-2X6L3, SP100A-2X6L3, N85A-2X6L3,
JB20F-2X6L3

N16W-(16W) series:

DK90-2X8L3, DK90B-2X8L3, JB20B-2X8L3,
JB20C-2X8L3, JB20D-2X8L3, JB20E-2X8L3,
JB20M-2X8L3, JB90D-2X8L3, JB90M-2X8L3,
JR89-2X8L3, JR89A-2X8L3, JX888-2X8L3,
N85A-2X8L3, JB20F-2X8L3

N20W-(18W) series:

B20E-2X10L3, B20P-2X10L3, DK90-2X10L3,
DK90B-2X10L3, JA220D-2X10L3, JB20B-2X10L3,
JB20C-2X10L3, JB20D-2X10L3, JB20E-2X10L3,
JB20M-2X10L3, JB90D-2X10L3, JB90M-2X10L3,
JR89-2X10L3, JR89A-2X10L3, JX888-2X10L3,
N85A-2X10L3, JB20F-2X10L3

N30W-(20W) series:

B20E-2X15L3, B20P-2X15L3, DK90-2X15L3,
DK90B-2X15L3, JA220D-2X15L3, JB20B-2X15L3,
JB20C-2X15L3, JB20D-2X15L3, JB20E-2X15L3,

Page 3 of 5

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Attestation of Conformity

No. N8A 086894 0023 Rev. 02

JB20M-2X15L3, JB90D-2X15L3, JB90M-2X15L3,
JR89-2X15L3, JR89A-2X15L3, JX888-2X15L3,
N85A-2X15L3, SP100-2X15L3, SP100A-2X15L3,
JB20F-2X15L3

N40W-(25W) series:

B20E-2X20L3, B20P-2X20L3, DK90-2X20L3,
DK90B-2X20L3, JA220D-2X20L3, JB20B-2X20L3,
JB20C-2X20L3, JB20D-2X20L3, JB20E-2X20L3,
JB20M-2X20L3, JB90D-2X20L3, JB90M-2X20L3,
JR89-2X20L3, JR89A-2X20L3, JX888-2X20L3,
N85A-2X20L3, SP100-2X20L3, SP100A-2X20L3,
JB20F-2X20L3

Series IV:

N12W-(9W) series:

DK90-2X6L4, DK90B-2X6L4, JB20B-2X6L4,
JB20C-2X6L4, JB20D-2X6L4, JB20E-2X6L4,
JB20M-2X6L4, JB90D-2X6L4, JB90M-2X6L4,
JR89-2X6L4, JR89A-2X6L4, JX888-2X6L4,
SP100-2X6L4, N85A-2X6L4, JB20F-2X6L4

N16W-(11W) series:

DK90-2X8L4, DK90B-2X8L4, JB20B-2X8L4,
JB20C-2X8L4, JB20D-2X8L4, JB20E-2X8L4,
JB20M-2X8L4, JB90D-2X8L4, JB90M-2X8L4,
JR89-2X8L4, JR89A-2X8L4, JX888-2X8L4,
N85A-2X8L4, JB20F-2X8L4

N20W-(14W) series:

B20E-2X10L4, DK90-2X10L4, DK90B-2X10L4,
JA220D-2X10L4, JB20B-2X10L4, JB20C-2X10L4,
JB20D-2X10L4, JB20E-2X10L4, JB20M-2X10L4,
JB90D-2X10L4, JB90M-2X10L4, JR89-2X10L4,
JR89A-2X10L4, JX888-2X10L4, N85A-2X10L4,
JB20F-2X10L4

N30W-(17W) series:

B20E-2X15L4, DK90-2X15L4, DK90B-2X15L4,
JA220D-2X15L4, JB20B-2X15L4, JB20C-2X15L4,
JB20D-2X15L4, JB20E-2X15L4, JB20M-2X15L4,
JB90D-2X15L4, JB90M-2X15L4, JR89-2X15L4,
JR89A-2X15L4, JX888-2X15L4, N85A-2X15L4,
SP100-2X15L4, JB20F-2X15L4

N40W-(23W) series:

B20E-2X20L4, DK90-2X20L4, DK90B-2X20L4,
JA220D-2X20L4, JB20B-2X20L4, JB20C-2X20L4,
JB20D-2X20L4, JB20E-2X20L4, JB20M-2X20L4,
JB90D-2X20L4, JB90M-2X20L4, JR89-2X20L4,
JR89A-2X20L4, JX888-2X20L4, N85A-2X20L4,
SP100-2X20L4, JB20F-2X20L4



Product Service

Attestation of Conformity

No. N8A 086894 0023 Rev. 02

Parameters:

Rated Voltage: 220-240V~
 Rated Frequency: 50-60Hz
 Rated Power: 14W(N12W-(14W) series);
 15W(N16W-(15W) series);
 17W(N20W-(17W) series);
 19W(N30W-(19W) series);
 24W(N40W-(24W) series);
 7W(N12W-(7W) series);
 9W(N16W-(9W) series);
 12W(N20W-(12W) series);
 14W(N30W-(14W) series);
 16W(N40W-(16W) series);
 14W(N12W-(14W) series);
 16W(N16W-(16W) series);
 18W(N20W-(18W) series);
 20W(N30W-(20W) series);
 25W(N40W-(25W) series);
 9W(N12W-(9W) series);
 11W(N16W-(11W) series);
 14W(N20W-(14W) series);
 17W(N30W-(17W) series);
 23W(N40W-(23W) series)

Protection Class: I

Degree of Protection: IPX4(SP100A-2X6L1,
 SP100A-2X15L1,
 SP100A-2X20L1,
 B20P-2X10L1,
 B20P-2X15L1,
 B20P-2X20L1,
 SP100A-2X6L3,
 SP100A-2X15L3,
 SP100A-2X20L3,
 B20P-2X10L3,
 B20P-2X15L3,
 B20P-2X20L3)
 IPX0(for other models)

**Tested
 according to:**

EN 60335-1:2012/A2:2019
 EN 60335-2-59:2003/A11:2018
 EN 62233:2008

Page 5 of 5

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