



Verification No.: GZEM2011016419HSV

Applicant: ZHONGSHAN PROTOSTAR optoeletronic Co., Ltd

Address of Applicant: No.6, FuhengDong Road Yongxing Ind.Zone, Henglan Town

528478, Zhongshan, Guangdong, People's Republic of China

Manufacturer: The same as Applicant
Address of Manufacturer: The same as Applicant
Factory: The same as Applicant
The same as Applicant
The same as Applicant
The same as Applicant
Electric insect killers

Model No.: Please refer to next pages for all models.

Sufficient samples of the product have been tested and found to be in conformity with

Test Standard(s): EN 55014-1:2017+A11:2020

EN 55014-2:2015

EN IEC 61000-3-2:2019

EN 61000-3-3:2013+A1:2019

As shown in the

Test Report Number(s): GZEM201101641901

This verification of EMC Compliance has been granted to the applicant based on the results of the tests, performed by laboratory of SGS-CSTC Standards Technical Services Co., Ltd. on the sample of the above-mentioned product in accordance with the provisions of the relevant specific standards under Directive 2014/30/EU.

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Kobe Jian EMC Laboratory Manager CE





Verification No.: GZEM2011016419HSV

Model No.: N12W-(19W) series: JB20M-2X6W/50Hz,

JB90B-2X6W/50Hz, JB20C-2X6W/50Hz, JB20D-2X6W/50Hz, JB20-2X6W/50Hz, JB40-2X6W/50Hz, JX888-2X6W/50Hz, JB20A-2X6W/50Hz, JB90-2X6W/50Hz, JB90M-2X6W/50Hz, JB90D-2X6W/50Hz,

SP100-2X6W/50Hz, SP100A-2X6W/50Hz,

N85A-2X6W/50Hz, JR89-2X6W/50Hz, JR89A-2X6W/50Hz, JS40-2X6W/50Hz, DK90-2X6W/50Hz, DK90B-2X6W/50Hz,

JB20E-2X6W/50Hz, JB20B-2X6W/50Hz, JB20F-2X6W/50Hz, JB20G-2X6W/50Hz,

JB90G-2X6W/50Hz; N16W-(23W) series: JB20M-2X8W/50Hz, JB90B-2X8W/50Hz,

JB20C-2X8W/50Hz, JB20D-2X8W/50Hz, JB20-2X8W/50Hz, JB40-2X8W/50Hz,

JX888-2X8W/50Hz, JB20A-2X8W/50Hz, JB90-2X8W/50Hz, JB90M-2X8W/50Hz, JB90D-2X8W/50Hz, SP100-2X8W/50Hz,

N85A-2X8W/50Hz, JR89-2X8W/50Hz,

As shown in the

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Verification No.: GZEM2011016419HSV

Model No.: JR89A-2X8W/50Hz, JS40-2X8W/50Hz,

DK90-2X8W/50Hz, DK90B-2X8W/50Hz, JB20E-2X8W/50Hz, JB20B-2X8W/50Hz, JB20F-2X8W/50Hz, JB20G-2X8W/50Hz, JB90G-2X8W/50Hz; N20W-(28W) series: JB20M-2X10W/50Hz, JB90B-2X10W/50Hz, JB20C-2X10W/50Hz, JB20D-2X10W/50Hz,

JB20C-2X10W/50Hz, JB20D-2X10W/50Hz, JB20-2X10W/50Hz, JB40-2X10W/50Hz, JB20A-2X10W/50Hz, JB90-2X10W/50Hz, JB90M-2X10W/50Hz,

JB90D-2X10W/50Hz, SP100-2X10W/50Hz, N85A-2X10W/50Hz, JR89-2X10W/50Hz,

JR89A-2X10W/50Hz, JS40-2X10W/50Hz, JA220D-2X10W/50Hz, JA220A-2X10W/50Hz,

DK90-2X10W/50Hz, DK90B-2X10W/50Hz, B20P-2X10W/50Hz, B20E-2X10W/50Hz, JB20E-2X10W/50Hz, B20C-2X10W/50Hz, JB20F-2X10W/50Hz,

JB20G-2X10W/50Hz, JB90G-2X10W/50Hz; N30W-(39W) series: JB20M-2X15W/50Hz,

As shown in the

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Kobe Jian EMC Laboratory Manager Date: 2021-01-11

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Verification No.: GZEM2011016419HSV

Model No.: JB90B-2X15W/50Hz, JB20C-2X15W/50Hz,

JB20D-2X15W/50Hz, JB20-2X15W/50Hz, JB40-2X15W/50Hz, JX888-2X15W/50Hz, JB20A-2X15W/50Hz, JB90-2X15W/50Hz, JB90M-2X15W/50Hz, JB90D-2X15W/50Hz, SP100-2X15W/50Hz, SP100A-2X15W/50Hz,

N85A-2X15W/50Hz, JR89-2X15W/50Hz, JR89A-2X15W/50Hz, JS40-2X15W/50Hz, JA220D-2X15W/50Hz, JA220A-2X15W/50Hz, DK90-2X15W/50Hz, DK90B-2X15W/50Hz,

B20P-2X15W/50Hz, B20E-2X15W/50Hz, JB20E-2X15W/50Hz, JB20B-2X15W/50Hz, B20C-2X15W/50Hz, JB20F-2X15W/50Hz, JB20G-2X15W/50Hz, JB90G-2X15W/50Hz; N40W-(43W) series: JB20M-2X20W/50Hz,

N40W-(43W) series: JB20M-2X20W/50Hz, JB90B-2X20W/50Hz, JB20C-2X20W/50Hz, JB20D-2X20W/50Hz, JB20-2X20W/50Hz, JB40-2X20W/50Hz, JX888-2X20W/50Hz, JB20A-2X20W/50Hz, JB90-2X20W/50Hz,

JB90M-2X20W/50Hz, JB90D-2X20W/50Hz,

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Verification No.: GZEM2011016419HSV

Model No.: SP100-2X20W/50Hz, SP100A-2X20W/50Hz,

N85A-2X20W/50Hz, JR89-2X20W/50Hz, JR89A-2X20W/50Hz, JS40-2X20W/50Hz, JA220D-2X20W/50Hz, JA220A-2X20W/50Hz, DK90-2X20W/50Hz, DK90B-2X20W/50Hz,

B20P-2X20W/50Hz, B20E-2X20W/50Hz, JB20E-2X20W/50Hz, JB20B-2X20W/50Hz, B20C-2X20W/50Hz, JB20F-2X20W/50Hz, JB20G-2X20W/50Hz, JA220E-2X20W/50Hz, JB90G-2X20W/50Hz, JB90G-2X20W/50Hz;

Series II: N12W-(19W) series: JB20M-2X6W/60Hz,

JB90B-2X6W/60Hz, JB20C-2X6W/60Hz, JB20D-2X6W/60Hz, JB20-2X6W/60Hz, JB40-2X6W/60Hz, JX888-2X6W/60Hz, JB20A-2X6W/60Hz, JB90-2X6W/60Hz, JB90M-2X6W/60Hz, JB90D-2X6W/60Hz, SP100-2X6W/60Hz, SP100A-2X6W/60Hz, N85A-2X6W/60Hz, JR89-2X6W/60Hz, JR89A-2X6W/60Hz, JS40-2X6W/60Hz,

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DK90-2X6W/60Hz, DK90B-2X6W/60Hz,

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Verification No.: GZEM2011016419HSV

Model No.: JB20E-2X6W/60Hz, JB20B-2X6W/60Hz,

JB20F-2X6W/60Hz, JB20G-2X6W/60Hz; N16W-(23W) series: JB20M-2X8W/60Hz, JB90B-2X8W/60Hz, JB20C-2X8W/60Hz, JB20D-2X8W/60Hz, JB20-2X8W/60Hz, JB40-2X8W/60Hz, JX888-2X8W/60Hz, JR20A-2X8W/60Hz, JR20A-

JB20A-2X8W/60Hz, JB90-2X8W/60Hz, JB90M-2X8W/60Hz, JB90D-2X8W/60Hz, SP100-2X8W/60Hz, N85A-2X8W/60Hz,

JR89-2X8W/60Hz, JR89A-2X8W/60Hz, JS40-2X8W/60Hz, DK90-2X8W/60Hz,

DK90B-2X8W/60Hz, JB20E-2X8W/60Hz, JB20B-2X8W/60Hz, JB20F-2X8W/60Hz,

JB20G-2X8W/60Hz; N20W-(28W) series: JB20M-2X10W/60Hz, JB90B-2X10W/60Hz,

JB20C-2X10W/60Hz, JB20D-2X10W/60Hz, JB20-2X10W/60Hz, JB40-2X10W/60Hz,

JX888-2X10W/60Hz, JB20A-2X10W/60Hz,

JB90-2X10W/60Hz, JB90M-2X10W/60Hz, JB90D-2X10W/60Hz, SP100-2X10W/60Hz.

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Verification No.: GZEM2011016419HSV

Model No.: N85A-2X10W/60Hz, JR89-2X10W/60Hz,

JR89A-2X10W/60Hz, JS40-2X10W/60Hz, JA220D-2X10W/60Hz, JA220A-2X10W/60Hz, DK00B-2X10W/60Hz,

DK90-2X10W/60Hz, DK90B-2X10W/60Hz, B20P-2X10W/60Hz, B20E-2X10W/60Hz, JB20E-2X10W/60Hz, B20C-2X10W/60Hz, JB20F-2X10W/60Hz,

JB20G-2X10W/60Hz; N30W-(39W) series: JB20M-2X15W/60Hz, JB90B-2X15W/60Hz, JB20C-2X15W/60Hz, JB20D-2X15W/60Hz,

JB20-2X15W/60Hz, JB40-2X15W/60Hz, JX888-2X15W/60Hz, JB20A-2X15W/60Hz, JB20A-2X15W/60Hz, JB20A-2X15W/60Hz,

JB90-2X15W/60Hz, JB90M-2X15W/60Hz, JB90D-2X15W/60Hz, SP100-2X15W/60Hz, SP100A-2X15W/60Hz, N85A-2X15W/60Hz, JR89-2X15W/60Hz, JR89A-2X15W/60Hz,

JS40-2X15W/60Hz, JA220D-2X15W/60Hz, JA220A-2X15W/60Hz, DK90-2X15W/60Hz,

DK90B-2X15W/60Hz, B20P-2X15W/60Hz,

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Verification No.: GZEM2011016419HSV

Model No.: B20E-2X15W/60Hz, JB20E-2X15W/60Hz,

JB20B-2X15W/60Hz, B20C-2X15W/60Hz, JB20F-2X15W/60Hz, JB20G-2X15W/60Hz, JB90G-2X15W/60Hz, JB90G-2X15W/60Hz, JB20M-2X20W/60Hz, JB90B-2X20W/60Hz, JB20C-2X20W/60Hz, JB20D-2X20W/60Hz, JB20-2X20W/60Hz, JB40-2X20W/60Hz, JX888-2X20W/60Hz, JB20A-2X20W/60Hz, JB90-2X20W/60Hz, JB90-2X20W/60Hz,

JB90D-2X20W/60Hz, SP100-2X20W/60Hz, SP100A-2X20W/60Hz, N85A-2X20W/60Hz, JR89-2X20W/60Hz, JR89A-2X20W/60Hz,

JS40-2X20W/60Hz, JA220D-2X20W/60Hz, JA220A-2X20W/60Hz, DK90-2X20W/60Hz, DK90B-2X20W/60Hz, B20P-2X20W/60Hz, B20E-2X20W/60Hz, JB20B-2X20W/60Hz, JB20B-2X20W/60Hz, B20C-2X20W/60Hz,

JB20F-2X20W/60Hz, JB20G-2X20W/60Hz,

JA220D-2X20S/60Hz, JA220E-2X20W-60Hz;

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Verification No.: GZEM2011016419HSV

Model No.: Series III: N13W-(24W) series: JB90F-1\*13W,

JB20M-1\*13W; N26W-(38W) series: JB90F-2\*13W,

JB20M-2\*13W; Series IV: N12W-(14W) series: JB20M-2X6W-50/60Hz, JB90B-2X6W-50/60Hz, JB20C-2X6W-50/60Hz, JB20D-2X6W-50/60Hz, JR89-2X6W-50/60Hz, JR89A-2X6W-50/60Hz, JB20-2X6W-50/60Hz, JB40-2X6W-50/60Hz, JX888-2X6W-50/60Hz, JB20A-2X6W-50/60Hz,

JB90-2X6W-50/60Hz, JB90M-2X6W-50/60Hz, JB90D-2X6W-50/60Hz, SP100-2X6W-50/60Hz, SP100A-2X6W-50/60Hz, N85A-2X6W-50/60Hz,

JS40-2X6W-50/60Hz, DK90-2X6W-50/60Hz, DK90B-2X6W-50/60Hz, JB20E-2X6W-50/60Hz, JB20B-2X6W-50/60Hz, JB20F-2X6W-50/60Hz,

JB20G-2X6W-50/60Hz, JB90G-2X6W/50/60Hz; N16W-(16W) series: JB20M-2X8W-50/60Hz, JB90B-2X8W-50/60Hz, JB20C-2X8W-50/60Hz, JB20D-2X8W-50/60Hz, JR89-2X8W-50/60Hz,

JR89A-2X8W-50/60Hz, JB20-2X8W-50/60Hz, JB40-2X8W-50/60Hz, JX888-2X8W-50/60Hz.

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Verification No.: GZEM2011016419HSV

Model No.: JB20A-2X8W-50/60Hz, JB90-2X8W-50/60Hz,

JB90M-2X8W-50/60Hz, JB90D-2X8W-50/60Hz, SP100-2X8W-50/60Hz, N85A-2X8W-50/60Hz, JS40-2X8W-50/60Hz, DK90-2X8W-50/60Hz, DK90B-2X8W-50/60Hz, JB20E-2X8W-50/60Hz, JB20B-2X8W -50/60Hz, JB20F-2X8W -50/60Hz,

JB20G-2X8W-50/60Hz, JB90G-2X8W/50/60Hz;

N20W-(20W) series: JB20M-2X10W-50/60Hz, JB90B-2X10W-50/60Hz, JB20C-2X10W-50/60Hz,

JB20D-2X10W-50/60Hz, JR89-2X10W-50/60Hz,

JR89A-2X10W-50/60Hz, JB20-2X10W-50/60Hz,

JB40-2X10W-50/60Hz, JX888-2X10W-50/60Hz, JB20A-2X10W-50/60Hz, JB90-2X10W-50/60Hz,

JB90M-2X10W-50/60Hz, JB90D-2X10W-50/60Hz,

SP100-2X10W-50/60Hz, N85A-2X10W-50/60Hz, JS40-2X10W-50/60Hz, JA220D-2X10W-50/60Hz,

JA220A-2X10W-50/60Hz, DK90-2X10W-50/60Hz, DK90B-2X10W-50/60Hz, B20E-2X10W-50/60Hz,

B20P-2X10W-50/60Hz, JB20E-2X10W-50/60Hz,

JB20B-2X10W-50/60Hz, B20C-2X10W/50/60Hz,

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Verification No.: GZEM2011016419HSV

Model No.: JB20F-2X10W-50/60Hz, JB20G-2X10W-50/60Hz,

JB90G-2X10W/50/60Hz; N30W-(30W) series:

JB20M-2X15W-50/60Hz, JB90B-2X15W-50/60Hz, JB20C-2X15W-50/60Hz, JB20D-2X15W-50/60Hz,

JR89-2X15W-50/60Hz, JR89A-2X15W-50/60Hz, JB20-2X15W-50/60Hz JB40-2X15W-50/60Hz,

JX888-2X15W-50/60Hz, JB20A-2X15W-50/60Hz, JB90-2X15W-50/60Hz, JB90M-2X15W-50/60Hz,

JB90D-2X15W-50/60Hz, SP100-2X15W-50/60Hz,

SP100A-2X15W-50/60Hz, N85A-2X15W-50/60Hz,

JS40-2X15W-50/60Hz, JA220D-2X15W-50/60Hz,

JA220A-2X15W-50/60Hz, DK90-2X15W-50/60Hz,

DK90B-2X15W-50/60Hz, B20P-2X15W-50/60Hz, B20E-2X15W-50/60Hz, JB20E-2X15W-50/60Hz,

JB20B-2X15W-50/60Hz, B20C-2X15W/50/60Hz,

JB20F-2X15W-50/60Hz, JB20G-2X15W-50/60Hz,

JB90G-2X15W-50/60Hz; N40W-(38W) series:

JB20M-2X20W-50/60Hz, JB90B-2X20W-50/60Hz, JB20C-2X20W-50/60Hz, JB20D-2X20W-50/60Hz,

JR89-2X20W-50/60Hz, JR89A-2X20W-50/60Hz.

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Kobe Jian EMC Laboratory Manager  $(\epsilon)$ 





Verification No.: GZEM2011016419HSV

Model No.: JB20-2X20W-50/60Hz, JB40-2X20W-50/60Hz,

JX888-2X20W-50/60Hz, JB20A-2X20W-50/60Hz, JB90-2X20W-50/60Hz, JB90M-2X20W-50/60Hz, JB90D-2X20W-50/60Hz, SP100-2X20W-50/60Hz, SP100A-2X20W-50/60Hz, N85A-2X20W-50/60Hz, JS40-2X20W-50/60Hz, JA220A-2X20W-50/60Hz, DK90-2X20W-50/60Hz, DK90B-2X20W-50/60Hz, B20E-2X20W-50/60Hz,

B20P-2X20W-50/60Hz, JB20E-2X20W, JB20B-2X20W,

JA220E-2X20W-50/60Hz, JA220E-2X20W, JA220D-2X20S-50/60Hz, JA220D-2X20S,

JB90G-2X20W/50/60Hz

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