# CERTIFICATE

Issued to:

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

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) | : | EAGLERISE |
| Type(s)/model(s) | : | FLS-25-700 DALI2 LA, FLS-26-700 Blue LA-CSB, FLS-26-700 DALI2 LD, FLS-40-1050 DALI2 LA, FLS-42-1050 Blue LA-CSB, FLS-44-1050 DALI2 LD, FLS-60-1400 DALI2 LA, FSS-25-700 DALI2 LA, FSS-60-1400 DALI2 LD and LS-15-xxx DALI2 LI |

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 14 September 2023 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 35-130590

DEKRA Certification B.V.

B.T.M. Holtus
Managing Director

C. Lin
Certification Manager

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ACCREDITED BY THE DUTCH ACCREDITATION COUNCIL

PRODUCTS RvAC 001

## SPECIFICATION OF THE CERTIFIED PRODUCT

### Product data

| | | |
|---|---|---|
| Product | : | LED Power Supply |
| Trade name(s) | : | EAGLERISE |
| Type(s)/model(s) | : | FLS-25-700 DALI2 LA, FLS-26-700 Blue LA-CSB, FLS-26-700 DALI2 LD, FLS-40-1050 DALI2 LA, FLS-42-1050 Blue LA-CSB, FLS-44-1050 DALI2 LD, FLS-60-1400 DALI2 LA, FSS-25-700 DALI2 LA, FSS-60-1400 DALI2 LD and LS-15-xxx DALI2 LI |
| Additional information | : | SELV, non-inherently short circuit proof |

### Product data – type FLS-25-700 DALI2 LA

| | | |
|---|---|---|
| Input voltage | : | 220-240 Vac |
| Max. current | : | 0,2 A |
| Constant current | : | 150-700 mA |
| Max. case temperature (tc) | : | 80°C |
| Ambient temperature (ta) | : | 45°C |
| Max.power | : | 7,8-26,3W |
| Degree of protection | : | IP20 |
| Rated frequency | : | 50/60 hz |

### Product data – type FLS-26-700 Blue LA-CSB

| | | |
|---|---|---|
| Input voltage | : | 220-240 Vac & 198-254 Vdc |
| Max. current | : | 0,17 Aac & 0,027 Adc |
| Constant current | : | 150-700 mA |
| Max. case temperature (tc) | : | 85°C |
| Ambient temperature (ta) | : | 50°C |
| Max.power | : | 7,8-25,9W |
| Rated frequency | : | 0/50/60 Hz |

### Product data – type FLS-26-700 DALI2 LD

| | | |
|---|---|---|
| Input voltage | : | 220-240 Vac & 198-254 Vdc |
| Max. Current | : | 0,2 Aac & 0,025 Adc |
| Constant current | : | 150-700 mA |
| Max. case temperature (tc) | : | 85°C |
| Ambient temperature (ta) | : | 50°C |
| Max. Power | : | 7,8-26,3W |
| Degree of protection | : | IP20 |
| Rated frequency | : | 0/50/60 Hz |

### Product data – type FLS-40-1050 DALI2 LA

| | | |
|---|---|---|
| Input voltage | : | 220-240 Vac |
| Max. current | : | 0,34 A |
| Constant current | : | 700-1050 mA |
| Max. case temperature (tc) | : | 75°C |
| Ambient temperature (ta) | : | 45°C |
| Max.power | : | 36,4-44,1W |
| Degree of protection | : | IP20 |
| Rated frequency | : | 50/60 Hz |

### Product data – type FLS-42-1050 Blue LA-CSB

| | | |
|---|---|---|
| Input voltage | : | 220-240 Vac & 198-254 Vdc |

| | | |
|---|---|---|
| Max. current | : | 0,34 Aac & 0,037 Adc |
| Constant current | : | 700-1050 mA |
| Max. case temperature (tc) | : | 85°C |
| Ambient temperature (ta) | : | 45°C |
| Max.power | : | 36,4-42W |
| Rated frequency | : | 0/50/60 Hz |

**Product data – type FLS-44-1050 DALI2 LD**

| | | |
|---|---|---|
| Input voltage | : | 220-240 Vac & 196-245 Vdc |
| Max. current | : | 0,34 Aac & 0,23 Adc |
| Constant current | : | 700-1050 mA |
| Max. case temperature (tc) | : | 90°C |
| Ambient temperature (ta) | : | 50°C |
| Max. Power | : | 36,4-44,1W |
| Degree of protection | : | IP20 |
| Rated frequency | : | 0/50/60 Hz |

**Product data – type FLS-60-1400 DALI2 LA**

| | | |
|---|---|---|
| Input voltage | : | 220-240 Vac |
| Max. current | : | 0,46 A |
| Constant current | : | 650-1400 mA |
| Max. case temperature (tc) | : | 90°C |
| Ambient temperature (ta) | : | 45°C |
| Max.power | : | 31,2-60,2W |
| Degree of protection | : | IP20 |
| Rated frequency | : | 50/60 Hz |

**Product data – type FSS-25-700 DALI2 LA**

| | | |
|---|---|---|
| Input voltage | : | 220-240 Vac |
| Max. current | : | 0,2 A |
| Constant current | : | 150-700 mA |
| Max. case temperature (tc) | : | 85°C |
| Ambient temperature (ta) | : | 45°C |
| Max. Power | : | 7,8-26,3W |
| Degree of protection | : | IP20 |
| Rated frequency | : | 50/60 Hz |

**Product data – type FSS-60-1400 DALI2 LD**

| | | |
|---|---|---|
| Input voltage | : | 220-240 Vac & 198-254 Vdc |
| Max. current | : | 0,46 Aac & 0,053 Adc |
| Constant current | : | 700-1400 mA |
| Max. case temperature (tc) | : | 90°C |
| Ambient temperature (ta) | : | 50°C |
| Max.power | : | 36,4-60,2W |
| Degree of protection | : | IP20 |
| Rated frequency | : | 0/50/60 Hz |

**Product data – type LS-15-xxx DALI2 LI**

| | | |
|---|---|---|
| Input voltage | : | 220-240 Vac |
| Max. current | : | 0,12 A |
| Constant current | : | 300-1050 mA |
| Max. case temperature (tc) | : | 85°C |
| Ambient temperature (ta) | : | 50°C |

| | | |
|---|---|---|
| Max.power | : | 14,7-15,2W |
| Degree of protection | : | IP20 |
| Rated frequency | : | 50/60 Hz |

## 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 490413400.

### Additional information
Note: "xxx" indicate the output current of LED driver; can be "300" to "1050" and increasing in multiplies of 50, "300" means 300 mA; “1050” means 1050 mA.

This certificate replaces certificate No. 35-117083/35-112933/35-111200 which we herewith declare invalid.

The list of components is laid down in test report 4904134.50,4904134.51, 4904134.52, 4904134.53.

### 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,
343100 Ji An County Jiangxi, China

Trade name : EAGLERISE stands for

EAGLERISE

## Model List:

Series 1: FLS-26-700 DALI2 LD

| No. | Model number | Input | | | Output | | | | | ta (℃) | tc (℃) | Method of installation | Temperature of thermal protection (℃) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Voltage | Max. Current | Frequency (Hz) | Constant current (mA) | Current (mA) | Normal working voltage (VDC) | No load working voltage (VDC) | Max. Power (W) | | | | |
| 1 | FLS-26-700 DALI2 LD | 220-240 Vac & 198-254 Vdc | 0,2 Aac & 0,025 Adc | 0/50/60 | 150-700 | 150 | 9-52 | 60 | 7,8 | 50 | 85 | With terminal block cover: Independent type, Class II; Without terminal block cover: Built-in type, double insulation | 110 |
| | | | | | | 200 | | | 10,4 | | | | |
| | | | | | | 250 | | | 13 | | | | |
| | | | | | | 300 | | | 15,6 | | | | |
| | | | | | | 350 | | | 18,2 | | | | |
| | | | | | | 400 | | | 20,8 | | | | |
| | | | | | | 450 | | | 23,4 | | | | |
| | | | | | | 500 | | | 26 | | | | |
| | | | | | | 550 | 9-47,5 | | 26,1 | | | | |
| | | | | | | 600 | 9-43,5 | | 26,1 | | | | |
| | | | | | | 650 | 9-40 | | 26 | | | | |
| | | | | | | 700 | 9-37,5 | | 26,3 | | | | |

Series 2: FLS-44-1050 DALI2 LD

| No. | Model number | Input | | | Output | | | | | ta (℃) | tc (℃) | Method of installation | Temperature of thermal protection (℃) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Voltage | Max. Current | Frequency (Hz) | Constant current (mA) | Current (mA) | Normal working voltage (VDC) | No load working voltage (VDC) | Max. Power (W) | | | | |
| 1 | FLS-44-1050 DALI2 LD | 220-240 Vac & 196-245 Vdc | 0,34 Aac & 0,23 Adc | 0/50/60 | 700-1050 | 700 | 9-52 | 60 | 36,4 | 50 | 90 | With terminal block cover: Independent type, Class II; Without terminal block cover: Built-in type, double insulation | 110 |
| | | | | | | 750 | | | 39 | | | | |
| | | | | | | 800 | | | 41,6 | | | | |
| | | | | | | 850 | 9-49 | | 41,7 | | | | |
| | | | | | | 900 | | | 44,1 | | | | |
| | | | | | | 950 | 9-46 | | 43,7 | | | | |
| | | | | | | 1000 | 9-44 | | 44 | | | | |
| | | | | | | 1050 | 9-42 | | 44,1 | | | | |

Series 3: FSS-25-700 DALI2 LA

| No. | Model number | Input | | | Output | | | | | ta (℃) | tc (℃) | Method of installation | Temperature of thermal protection (℃) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Voltage (VAC) | Max. Current (A) | Frequency (Hz) | Constant current (mA) | Current (mA) | Normal working voltage (VDC) | No load working voltage (VDC) | Max. Power (W) | | | | |
| 1 | FSS-25-700 DALI2 LA | 220-240 | 0,2 | 50/60 | 150-700 | 150 | 9-52 | 60 | 7,8 | 45 | 85 | Independent | 110 |
| | | | | | | 200 | | | 10,4 | | | | |
| | | | | | | 250 | | | 13 | | | | |
| | | | | | | 300 | | | 15,6 | | | | |
| | | | | | | 350 | | | 18,2 | | | | |
| | | | | | | 400 | | | 20,8 | | | | |
| | | | | | | 450 | | | 23,4 | | | | |
| | | | | | | 500 | | | 26 | | | | |
| | | | | | | 550 | 9-47,5 | | 26,1 | | | | |
| | | | | | | 600 | 9-43,5 | | 26,1 | | | | |
| | | | | | | 650 | 9-40 | | 26 | | | | |
| | | | | | | 700 | 9-37,5 | | 26,3 | | | | |

Series 4: LS-15-xxx DALI2 LI

| No. | Model number | Input | | | Output | | | | ta (℃) | tc (℃) | Method of installation | Temperature of thermal protection (℃) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Voltage (VAC) | Max. Current (A) | Frequency (Hz) | Constant current (mA) | Normal working voltage (VDC) | No load working voltage (VDC) | Max. Power (W) | | | | |
| 1 | LS-15-300 DALI2 LI | 220-240 | 0,12 | 50/60 | 300 | 6-50 | 60 | 15 | 50 | 85 | Independent | 110 |
| 2 | LS-15-350 DALI2 LI | 220-240 | 0,12 | 50/60 | 350 | 6-42,5 | 55 | 14,9 | | | | |
| 3 | LS-15-400 DALI2 LI | 220-240 | 0,12 | 50/60 | 400 | 6-37,5 | 50 | 15 | | | | |
| 4 | LS-15-450 DALI2 LI | 220-240 | 0,12 | 50/60 | 450 | 6-33 | 45 | 14,9 | | | | |
| 5 | LS-15-500 DALI2 LI | 220-240 | 0,12 | 50/60 | 500 | 6-30 | 40 | 15 | | | | |
| 6 | LS-15-550 DALI2 LI | 220-240 | 0,12 | 50/60 | 550 | 6-27 | 35 | 14,9 | | | | |
| 7 | LS-15-600 DALI2 LI | 220-240 | 0,12 | 50/60 | 600 | 6-25 | 35 | 15 | | | | |
| 8 | LS-15-650 DALI2 LI | 220-240 | 0,12 | 50/60 | 650 | 6-23 | 33 | 15 | | | | |
| 9 | LS-15-700 DALI2 LI | 220-240 | 0,12 | 50/60 | 700 | 6-21 | 30 | 14,7 | | | | |
| 10 | LS-15-750 DALI2 LI | 220-240 | 0,12 | 50/60 | 750 | 6-20 | 30 | 15 | | | | |
| 11 | LS-15-800 DALI2 LI | 220-240 | 0,12 | 50/60 | 800 | 6-18,5 | 28 | 14,8 | | | | |
| 12 | LS-15-850 DALI2 LI | 220-240 | 0,12 | 50/60 | 850 | 6-17,5 | 27 | 14,9 | | | | |
| 13 | LS-15-900 DALI2 LI | 220-240 | 0,12 | 50/60 | 900 | 6-16,5 | 27 | 14,9 | | | | |
| 14 | LS-15-950 DALI2 LI | 220-240 | 0,12 | 50/60 | 950 | 6-16 | 25 | 15,2 | | | | |
| 15 | LS-15-1000 DALI2 LI | 220-240 | 0,12 | 50/60 | 1000 | 6-15 | 25 | 15 | | | | |
| 16 | LS-15-1050 DALI2 LI | 220-240 | 0,12 | 50/60 | 1050 | 6-14,5 | 25 | 15,2 | | | | |

Remark:
All models have the same circuit diagram and PCB layout, the differences among them are the parameter and type for the components used.

Series 5: FLS-60-1400 DALI2 LA

| No. | Model number | Input | | | Output | | | | | ta (℃) | tc (℃) | Method of installation | Temperature of thermal protection (℃) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Voltage (VAC) | Max. Current (A) | Frequency (Hz) | Constant current (mA) | Current (mA) | Normal working voltage (VDC) | No load working voltage (VDC) | Max. Power (W) | | | | |
| 1 | FLS-60-1400 DALI2 LA | 220-240 | 0,46 | 50/60 | 650-1400 | 650 | 9-48 | 60 | 31,2 | 45 | 90 | Independent | 120 |
| | | | | | | 700 | | | 33,6 | | | | |
| | | | | | | 750 | | | 36 | | | | |
| | | | | | | 800 | | | 38,4 | | | | |
| | | | | | | 850 | | | 40,8 | | | | |
| | | | | | | 900 | | | 43,2 | | | | |
| | | | | | | 950 | | | 45,6 | | | | |
| | | | | | | 1000 | | | 48 | | | | |
| | | | | | | 1050 | | | 50,4 | | | | |
| | | | | | | 1100 | | | 52,8 | | | | |
| | | | | | | 1150 | | | 55,2 | | | | |
| | | | | | | 1200 | | | 57,6 | | | | |
| | | | | | | 1250 | | | 60 | | | | |
| | | | | | | 1300 | 9-46 | | 59,8 | | | | |
| | | | | | | 1350 | 9-44 | | 59,4 | | | | |
| | | | | | | 1400 | 9-43 | | 60,2 | | | | |

Series 6: FLS-40-1050 DALI2 LA

| No. | Model number | Input | | | Output | | | | | ta (℃) | tc (℃) | Method of installation | Temperature of thermal protection (℃) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Voltage (VAC) | Max. Current (A) | Frequency (Hz) | Constant current (mA) | Current (mA) | Normal working voltage (VDC) | No load working voltage (VDC) | Max. Power (W) | | | | |
| 1 | FLS-40-1050 DALI2 LA | 220-240 | 0,34 | 50/60 | 700-1050 | 700 | 9-52 | 60 | 36,4 | 45 | 75 | Independent | 120 |
| | | | | | | 750 | | | 39 | | | | |
| | | | | | | 800 | | | 41,6 | | | | |
| | | | | | | 850 | 9-49 | | 41,7 | | | | |
| | | | | | | 900 | | | 44,1 | | | | |
| | | | | | | 950 | 9-46 | | 43,7 | | | | |
| | | | | | | 1000 | 9-44 | | 44 | | | | |
| | | | | | | 1050 | 9-42 | | 44,1 | | | | |

Series 7: FLS-25-700 DALI2 LA

| No. | Model number | Input | | | Output | | | | | ta (℃) | tc (℃) | Method of installation | Temperature of thermal protection (℃) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Voltage (VAC) | Max. Current (A) | Frequency (Hz) | Constant current (mA) | Current (mA) | Normal working voltage (VDC) | No load working voltage (VDC) | Max. Power (W) | | | | |
| 1 | FLS-25-700 DALI2 LA | 220-240 | 0,2 | 50/60 | 150-700 | 150 | 9-52 | 60 | 7,8 | 45 | 80 | Independent | 120 |
| | | | | | | 200 | | | 10,4 | | | | |
| | | | | | | 250 | | | 13 | | | | |
| | | | | | | 300 | | | 15,6 | | | | |
| | | | | | | 350 | | | 18,2 | | | | |
| | | | | | | 400 | | | 20,8 | | | | |
| | | | | | | 450 | | | 23,4 | | | | |
| | | | | | | 500 | | | 26 | | | | |
| | | | | | | 550 | 9-47,5 | | 26,1 | | | | |
| | | | | | | 600 | 9-43,5 | | 26,1 | | | | |
| | | | | | | 650 | 9-40 | | 26 | | | | |
| | | | | | | 700 | 9-37,5 | | 26,3 | | | | |

Series 8: FSS-60-1400 DALI2 LD

| No. | Model number | Input | | | Output | | | | | ta (℃) | tc (℃) | Method of installation | Temperature of thermal protection (℃) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Voltage | Max. Current | Frequency (Hz) | Constant current (mA) | Current (mA) | Normal working voltage (VDC) | No load working voltage (VDC) | Max. Power (W) | | | | |
| 1 | FSS-60-1400 DALI2 LD | 220-240 Vac & 198-254 Vdc | 0,46 Aac & 0,053 Adc | 0/50/60 | 700-1400 | 700 | 9-52 | 60 | 36,4 | 50 | 90 | With terminal block cover: Independent type, Class II; Without terminal block cover: Built-in type, double insulation | 110 |
| | | | | | | 750 | | | 39 | | | | |
| | | | | | | 800 | | | 41,6 | | | | |
| | | | | | | 850 | | | 44,2 | | | | |
| | | | | | | 900 | | | 46,8 | | | | |
| | | | | | | 950 | | | 49,6 | | | | |
| | | | | | | 1000 | | | 52 | | | | |
| | | | | | | 1050 | | | 54,6 | | | | |
| | | | | | | 1100 | | | 57,2 | | | | |
| | | | | | | 1150 | | | 59,8 | | | | |
| | | | | | | 1200 | 9-50 | | 60 | | | | |
| | | | | | | 1250 | 9-48 | | 60 | | | | |
| | | | | | | 1300 | 9-46 | | 59,8 | | | | |
| | | | | | | 1350 | 9-44 | | 59,4 | | | | |
| | | | | | | 1400 | 9-43 | | 60,2 | | | | |

| Series 9: FLS-42-1050 Blue LA-CSB | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| No. | Model | Input | | | Output | | | | ta (°C) | tc (°C) | Protection Type |
| | | Voltage | Max. Current | Frequency (Hz) | Constant Current (mA) | Normal working voltage (VDC) | No load working voltage (VDC) | Max. Power (W) | | | |
| 1 | FLS-42-1050 Blue LA-CSB | 220-240 Vac & 198-254 Vdc | 0,34 Aac & 0,037 Adc | 0/50/60 | 700 | 9-52 | 60 | 36,4 | 45 | 85 | With terminal block cover: Independent type, Class II; Without terminal block cover: Built-in type, Double insulation |
| | | | | | 750 | 9-52 | | 39 | | | |
| | | | | | 800 | 9-52 | | 41,6 | | | |
| | | | | | 850 | 9-49 | | 41,7 | | | |
| | | | | | 900 | 9-47 | | 42,3 | | | |
| | | | | | 950 | 9-44 | | 41,8 | | | |
| | | | | | 1000 | 9-42 | | 42 | | | |
| | | | | | 1050 | 9-40 | | 42 | | | |

| Series 10: FLS-26-700 Blue LA-CSB | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| No. | Model | Input | | | Output | | | | ta (°C) | tc (°C) | Protection Type |
| | | Voltage | Max. Current | Frequency (Hz) | Constant Current (mA) | Normal working voltage (VDC) | No load working voltage (VDC) | Max. Power (W) | | | |
| 1 | FLS-26-700 Blue LA-CSB | 220-240 Vac or 198-254 Vdc | 0,17 Aac & 0,027 Adc | 0/50/60 | 150 | 9-52 | 60 | 7,8 | 50 | 85 | With terminal block cover: Independent type, Class II; Without terminal block cover: Built-in type, Double insulation |
| | | | | | 200 | 9-52 | | 10,4 | | | |
| | | | | | 250 | 9-52 | | 13 | | | |
| | | | | | 300 | 9-52 | | 15,6 | | | |
| | | | | | 350 | 9-52 | | 18,2 | | | |
| | | | | | 500 | 9-52 | | 26 | | | |
| | | | | | 600 | 9-43 | | 25,8 | | | |
| | | | | | 700 | 9-37 | | 25,9 | | | |