



CERTIFICATE

No. U6 105345 0006 Rev. 00

Holder of Certificate: **Eaglerise Electric & Electronic (Ji'an) Co., Ltd.**
Southwest Corner of Panlong Road and Chaoyang Road
Ji'an Industrial Park
343100 Ji'an County, Jiangxi Province
PEOPLE'S REPUBLIC OF CHINA

Certification Mark:



Product: **Electronic controlgear for LED modules (Constant Current LED Power Supply)**

The product was voluntarily tested according to the listed standards. The product can be marked with the certification mark shown above. It is not permitted to alter the certification mark in any way. In addition, the certificate holder must not transfer the certificate to third parties. All applicable requirements of the Testing, Certification, Validation and Verification Regulations of TÜV SÜD Group have to be complied. For details see: www.tuvsud.com/ps-cert

Test report no.: 64142260352801

Date, 2026-07-14

(Taylor Yao)

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Model(s):

EMS 4/220-240/100 LPF;
EMS 5/220-240/120 LPF;
EMS 6/220-240/150 LPF;
EMS 7/220-240/180 LPF;
EMS 8/220-240/200 LPF;
EMS 9/220-240/220 LPF;
EMS 10/220-240/250 LPF;
EMS 11/220-240/280 LPF;
EMS 12/220-240/300 LPF;
EMS 15/220-240/350 LPF;
EMS 18/220-240/450 LPF;
EMS 20/220-240/500 LPF;
EMS 20/220-240/500;
EMS 25/220-240/600;
EMS 27/220-240/650;
EMS 30/220-240/700;
EMS 32/220-240/750;
EMS 33/220-240/800;
EMS 35/220-240/850;
EMS 36/220-240/900;
EMS 38/220-240/950;
EMS 40/220-240/1000;
EMS 42/220-240/1050

Brand Name:

OSRAM



Parameters:

Rated Input Voltage: See below table for details
Rated Frequency: See below table for details
Rated Input Current: See below table for details
Rated Output: See below table for details
Protection Class: Class II
Protection against Electric Shock: SELV
Degree of Protection: IP20
Method of Installation: Independent
Type of Output: Constant current type
ta: See below table for details
tc: See below table for details

Tested according to:

EN IEC 61347-2-13:2024
EN IEC 61347-1:2024
EN IEC 62384:2020

Production Facility(ies):

105345

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Series	Model	Rated Input Voltage	Rated Frequency (Hz)	Rated Input Current (A)	P _{rated} (W)	Output Voltage (VDC)	I _{rated} (mA)	U _{out} (VDC)	ta (°C)	tc (°C)
1	EMS 4/220-240/100 LPF	220-240VAC	50/60	0.05	4.0	30-40	100	59	-20 to 45	75
1	EMS 5/220-240/120 LPF	220-240VAC	50/60	0.07	4.8	30-40	120	59	-20 to 45	75
1	EMS 6/220-240/150 LPF	220-240VAC	50/60	0.08	6.0	30-40	150	59	-20 to 45	75
1	EMS 7/220-240/180 LPF	220-240VAC	50/60	0.1	7.2	30-40	180	59	-20 to 45	75
1	EMS 8/220-240/200 LPF	220-240VAC	50/60	0.1	8.0	30-40	200	59	-20 to 45	75
1	EMS 9/220-240/220 LPF	220-240VAC	50/60	0.1	8.8	30-40	220	59	-20 to 45	75
1	EMS 10/220-240/250 LPF	220-240VAC	50/60	0.15	10.0	30-40	250	59	-20 to 45	80
1	EMS 11/220-240/280 LPF	220-240VAC	50/60	0.16	11.2	30-40	280	59	-20 to 45	80
1	EMS 12/220-240/300 LPF	220-240VAC	50/60	0.18	12.0	30-40	300	59	-20 to 45	80
1	EMS 15/220-240/350 LPF	220-240VAC	50/60	0.18	14.0	30-40	350	59	-20 to 45	85
2	EMS 18/220-240/450 LPF	220-240VAC	50/60	0.19	18.0	30-40	450	59	-20 to 45	80
2	EMS 20/220-240/500 LPF	220-240VAC	50/60	0.22	20.0	30-40	500	59	-20 to 45	80
3	EMS 20/220-240/500	220-240VAC or 220-240VAC/DC	50/60 or 0/50/60	0.16	21.0	27-42	500	59	-20 to 50	75
3	EMS 25/220-240/600	220-240VAC or 220-240VAC/DC	50/60 or 0/50/60	0.18	25.2	27-42	600	59	-20 to 50	75
3	EMS 27/220-240/650	220-240VAC or 220-240VAC/DC	50/60 or 0/50/60	0.2	27.3	27-42	650	59	-20 to 50	75
3	EMS 30/220-240/700	220-240VAC or 220-240VAC/DC	50/60 or 0/50/60	0.21	29.4	27-42	700	59	-20 to 50	75
3	EMS 32/220-240/750	220-240VAC or 220-240VAC/DC	50/60 or 0/50/60	0.22	31.5	27-42	750	59	-20 to 50	75
3	EMS 33/220-240/800	220-240VAC or 220-240VAC/DC	50/60 or 0/50/60	0.23	33.6	27-42	800	59	-20 to 50	75
3	EMS 35/220-240/850	220-240VAC or 220-240VAC/DC	50/60 or 0/50/60	0.25	35.7	27-42	850	59	-20 to 50	75
3	EMS 36/220-240/900	220-240VAC or 220-240VAC/DC	50/60 or 0/50/60	0.26	37.8	27-42	900	59	-20 to 50	75
3	EMS 38/220-240/950	220-240VAC or 220-240VAC/DC	50/60 or 0/50/60	0.27	39.9	27-42	950	59	-20 to 45	75
3	EMS 40/220-240/1000	220-240VAC or 220-240VAC/DC	50/60 or 0/50/60	0.28	42.0	27-42	1000	59	-20 to 45	75
3	EMS 42/220-240/1050	220-240VAC or 220-240VAC/DC	50/60 or 0/50/60	0.29	42.0	27-40	1050	59	-20 to 45	75