

CERTIFICATE

No. U6 102477 0013 Rev. 01

Holder of Certificate: **Guangdong AiDimming Electronics CO., LTD.**
No. 82, Dongcheng Road, Dongsheng Town
528414 Zhongshan City, Guangdong Province
PEOPLE'S REPUBLIC OF CHINA

Certification Mark:

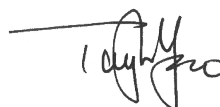


Product: **Power supplies
(Dimming LED Driver)**

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.: 64142215002802

Date, 2024-03-04



(Taylor Yao)

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Model(s):

PE14AA24; PE14AA42; PE14DA24; PE14DA42;
PE20AA24; PE20AA42; PE20DA24; PE20DA42;
PE-N30AA42; PE-N30ACA42; PE-N30DA42;
PE-N30DCA42; PE-N30WCA42; PE-N30BCA42;
PE-N30ZCA42; PE-N45AA42; PE-N45ACA42;
PE-N45DA42; PE-N45DCA42; PE-N45WCA42;
PE-N45BCA42; PE-N45ZCA42; PE-N14AA24;
PE-N14ACA24; PE-N14AA42; PE-N14ACA42;
PE-N14DA24; PE-N14DCA24; PE-N14WCA24;
PE-N14BCA24; PE-N14ZCA24; PE-N14DA42;
PE-N14DCA42; PE-N14WCA42; PE-N14BCA42;
PE-N14ZCA42; PE-N20AA24; PE-N20ACA24;
PE-N20AA42; PE-N20ACA42; PE-N20DA24;
PE-N20DCA24; PE-N20WCA24; PE-N20BCA24;
PE-N20ZCA24; PE-N20DA42; PE-N20DCA42;
PE-N20WCA42; PE-N20BCA42; PE-N20ZCA42;
PE-N60AA42; PE-N60ACA42; PE-N60DA42;
PE-N60DCA42; PE-N60WCA42; PE-N60BCA42;
PE-N60ZCA42

Brand Name:

AIDimming

AIDimming®

Parameters:

Rated Input Voltage: See below table for details

Rated Frequency: 50/60Hz

Rated Input Current: See below table for details

Rated Output: See below table for details

Protection against Electric Shock: Class II; SELV

Degree of Protection: IP20

Method of Installation: Independent

Type of Output: Constant current type

ta: -20 to +45°C

tc: 80°C

**Tested
according to:**

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

**Production
Facility(ies):**

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Series	Model	Rated Input Voltage (VAC)	Rated Input Current (A)	Output Voltage (VDC)	I _{rated} (mA)	DIP Switch Position			U _{out} (VDC)	P _{rated} (W)
						1	2	3		
1	PE14AA24	100-250	0.14	9-24	500	ON	ON	--	33	12.0
					450	ON	OFF	--		10.8
					400	OFF	ON	--		9.6
					350	OFF	OFF	--		8.4
	PE14AA42	100-250	0.17	9-42	350	ON	ON	--	55	14.7
					300	ON	OFF	--		12.6
					250	OFF	ON	--		10.5
					200	OFF	OFF	--		8.4
	PE14DA24	100-250	0.14	9-24	500	ON	ON	--	33	12.0
					450	ON	OFF	--		10.8
					400	OFF	ON	--		9.6
					350	OFF	OFF	--		8.4
	PE14DA42	100-250	0.17	9-42	350	ON	ON	--	55	14.7
					300	ON	OFF	--		12.6
					250	OFF	ON	--		10.5
					200	OFF	OFF	--		8.4
	PE20AA24	100-250	0.27	9-24	800	ON	ON	--	33	19.2
					750	ON	OFF	--		18.0
					700	OFF	ON	--		16.8
					650	OFF	OFF	--		15.6
	PE20AA42	100-250	0.27	9-42	500	ON	ON	--	53	21.0
					450	ON	OFF	--		18.9
					400	OFF	ON	--		16.8
					350	OFF	OFF	--		14.7
	PE20DA24	100-250	0.27	9-24	800	ON	ON	--	33	19.2
					750	ON	OFF	--		18.0
					700	OFF	ON	--		16.8
					650	OFF	OFF	--		15.6
	PE20DA42	100-250	0.27	9-42	500	ON	ON	--	53	21.0
					450	ON	OFF	--		18.9
					400	OFF	ON	--		16.8
					350	OFF	OFF	--		14.7
2	PE-N30AA42 PE-N30ACA42	100-250	0.32	9-42	700	ON	ON	ON	53	29.4
					650	ON	ON	OFF		27.3
					600	ON	OFF	ON		25.2
					550	ON	OFF	OFF		23.1
					500	OFF	ON	ON		21.0
					450	OFF	ON	OFF		18.9
					400	OFF	OFF	ON		16.8
					350	OFF	OFF	OFF		14.7
	PE-N30DA42 PE-N30DCA42 PE-N30WCA42 PE-N30BCA42 PE-N30ZCA42	100-250	0.32	9-42	700	ON	ON	ON	53	29.4
					650	ON	ON	OFF		27.3
					600	ON	OFF	ON		25.2
					550	ON	OFF	OFF		23.1
					500	OFF	ON	ON		21.0
					450	OFF	ON	OFF		18.9
					400	OFF	OFF	ON		16.8
					350	OFF	OFF	OFF		14.7
	PE-N45AA42 PE-N45ACA42	100-250	0.48	9-42	1050	ON	ON	ON	53	44.1
					1000	ON	ON	OFF		42.0

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3	PE-N45DA42 PE-N45DCA42 PE-N45WCA42 PE-N45BCA42 PE-N45ZCA42	100-250	0.48	9-42	950	ON	OFF	ON	53	39.9
					900	ON	OFF	OFF		37.8
					850	OFF	ON	ON		35.7
					800	OFF	ON	OFF		33.6
					750	OFF	OFF	ON		31.5
					700	OFF	OFF	OFF		29.4
					1050	ON	ON	ON		44.1
					1000	ON	ON	OFF		42.0
					950	ON	OFF	ON		39.9
					900	ON	OFF	OFF		37.8
					850	OFF	ON	ON		35.7
					800	OFF	ON	OFF		33.6
					750	OFF	OFF	ON		31.5
					700	OFF	OFF	OFF		29.4
	PE-N14AA24 PE-N14ACA24	100-250	0.14	9-24	500	ON	ON	ON	33	12.0
					450	ON	ON	OFF		10.8
					400	ON	OFF	ON		9.6
					350	ON	OFF	OFF		8.4
					300	OFF	ON	ON		7.2
					280	OFF	ON	OFF		6.7
					250	OFF	OFF	ON		6.0
					200	OFF	OFF	OFF		4.8
	PE-N14AA42 PE-N14ACA42	100-250	0.17	9-42	350	ON	ON	ON	53	14.7
					320	ON	ON	OFF		13.4
					300	ON	OFF	ON		12.6
					280	ON	OFF	OFF		11.8
					250	OFF	ON	ON		10.5
					200	OFF	ON	OFF		8.4
					180	OFF	OFF	ON		7.6
					150	OFF	OFF	OFF		6.3
	PE-N14DA24 PE-N14DCA24 PE-N14WCA24 PE-N14BCA24 PE-N14ZCA24	100-250	0.14	9-24	500	ON	ON	ON	33	12.0
					450	ON	ON	OFF		10.8
					400	ON	OFF	ON		9.6
					350	ON	OFF	OFF		8.4
					300	OFF	ON	ON		7.2
					280	OFF	ON	OFF		6.7
					250	OFF	OFF	ON		6.0
					200	OFF	OFF	OFF		4.8
	PE-N14DA42 PE-N14DCA42 PE-N14WCA42 PE-N14BCA42 PE-N14ZCA42	100-250	0.17	9-42	350	ON	ON	ON	53	14.7
					320	ON	ON	OFF		13.4
					300	ON	OFF	ON		12.6
					280	ON	OFF	OFF		11.8
					250	OFF	ON	ON		10.5
					200	OFF	ON	OFF		8.4
					180	OFF	OFF	ON		7.6
					150	OFF	OFF	OFF		6.3
	PE-N20AA24 PE-N20ACA24	100-250	0.22	9-24	800	ON	ON	ON	34	19.2
					750	ON	ON	OFF		18.0
					700	ON	OFF	ON		16.8
					650	ON	OFF	OFF		15.6
					600	OFF	ON	ON		14.4

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					550	OFF	ON	OFF		13.2
					500	OFF	OFF	ON		12.0
					450	OFF	OFF	OFF		10.8
	PE-N20AA42 PE-N20ACA42	100-250	0.24	9-42	500	ON	ON	ON	53	21.0
					450	ON	ON	OFF		18.9
					400	ON	OFF	ON		16.8
					350	ON	OFF	OFF		14.7
					300	OFF	ON	ON		12.6
					280	OFF	ON	OFF		11.8
					250	OFF	OFF	ON		10.5
					200	OFF	OFF	OFF		8.4
					800	ON	ON	ON	34	19.2
	PE-N20DA24 PE-N20DCA24 PE-N20WCA24 PE-N20BCA24 PE-N20ZCA24	100-250	0.22	9-24	750	ON	ON	OFF		18.0
					700	ON	OFF	ON		16.8
					650	ON	OFF	OFF		15.6
					600	OFF	ON	ON		14.4
					550	OFF	ON	OFF		13.2
					500	OFF	OFF	ON		12.0
					450	OFF	OFF	OFF		10.8
	PE-N20DA42 PE-N20DCA42 PE-N20WCA42 PE-N20BCA42 PE-N20ZCA42	100-250	0.24	9-42	500	ON	ON	ON	53	21.0
					450	ON	ON	OFF		18.9
					400	ON	OFF	ON		16.8
					350	ON	OFF	OFF		14.7
					300	OFF	ON	ON		12.6
					280	OFF	ON	OFF		11.8
					250	OFF	OFF	ON		10.5
4	PE-N60AA42 PE-N60ACA42	200-250	0.32	9-42	200	OFF	OFF	OFF	55	8.4
					1400	ON	ON	ON		58.8
					1300	ON	ON	OFF		54.6
					1200	ON	OFF	ON		50.4
					1100	ON	OFF	OFF		46.2
					1000	OFF	ON	ON		42.0
					900	OFF	ON	OFF		37.8
					800	OFF	OFF	ON		33.6
					700	OFF	OFF	OFF		29.4
	PE-N60DA42 PE-N60DCA42 PE-N60WCA42 PE-N60BCA42 PE-N60ZCA42	200-250	0.32	9-42	1400	ON	ON	ON	55	58.8
					1300	ON	ON	OFF		54.6
					1200	ON	OFF	ON		50.4
					1100	ON	OFF	OFF		46.2
					1000	OFF	ON	ON		42.0
					900	OFF	ON	OFF		37.8
					800	OFF	OFF	ON		33.6
					700	OFF	OFF	OFF		29.4