

CERTIFICATE

No. U6 089086 0503 Rev. 00

Holder of Certificate: **BOKE Drivers Co., Ltd.**
2nd and 3rd Floor, No.51, Xihuan 5th Road
South District
528455 Zhongshan City, Guangdong
PEOPLE'S REPUBLIC OF CHINA

Certification Mark:

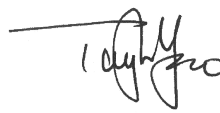


Product: **Electronic controlgear for LED modules
(Non-isolated Constant Current LED Driver)**

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.: 64142245011301

Date, 2024-07-30



(Taylor Yao)



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Model(s):

**BK-BNN020-AXXXA; BK-BEN022E-A0350AS;
 BK-BEN022A-A0350AS; BK-BEN022E-AXXXAS;
 BK-BEN022A-AXXXAS; BK-BEN022E-AXXXA;
 BK-BEN022A-AXXXA; BK-BEN022E-B0350AS;
 BK-BEN022A-B0350AS; BK-BEN022E-BXXXXAS;
 BK-BEN022A-BXXXXAS; BK-BEN022E-BXXXXA;
 BK-BEN022A-BXXXXA; BK-BEN040E-A0350AS;
 BK-BEN040A-A0350AS; BK-BEN040E-AXXXAS;
 BK-BEN040A-AXXXAS; BK-BEN040E-AXXXA;
 BK-BEN040A-AXXXA; BK-BEN040E-B0350AS;
 BK-BEN040A-B0350AS; BK-BEN040E-BXXXXAS;
 BK-BEN040A-BXXXXAS; BK-BEN040E-BXXXXA;
 BK-BEN040A-BXXXXA; BK-BEN060E-A0350AS;
 BK-BEN060A-A0350AS; BK-BEN060E-AXXXAS;
 BK-BEN060A-AXXXAS; BK-BEN060E-AXXXA;
 BK-BEN060A-AXXXA; BK-BEN060E-B0350AS;
 BK-BEN060A-B0350AS; BK-BEN060E-BXXXXAS;
 BK-BEN060A-BXXXXAS; BK-BEN060E-BXXXXA;
 BK-BEN060A-BXXXXA; BK-BEN080E-A0550AS;
 BK-BEN080A-A0550AS; BK-BEN080E-AXXXAS;
 BK-BEN080A-AXXXAS; BK-BEN080E-AXXXA;
 BK-BEN080A-AXXXA; BK-BEN080E-B0500AS;
 BK-BEN080A-B0500AS; BK-BEN080E-BXXXXAS;
 BK-BEN080A-BXXXXAS; BK-BEN080E-BXXXXA;
 BK-BEN080A-BXXXXA; BK-BEN100A-A0800AS;
 BK-BEN100A-AXXXAS; BK-BEN100A-AXXXA;
 BK-BEN100A-A0800AN; BK-BEN100A-B0500AS;
 BK-BEN100A-BXXXXAS; BK-BEN100A-BXXXXA;
 BK-BEN150A-A1000AS; BK-BEN150A-AXXXAS;
 BK-BEN150A-AXXXA; BK-BEN150A-A1000AN;
 BK-BEN150A-B0700AS; BK-BEN150A-BXXXXAS;
 BK-BEN150A-BXXXXA**

('XXXX'=0100-1000 indicates rated output current
 (I_{rated}) 100-1000mA, in steps of 10mA)

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Brand Name: BOKE



Parameters:

Rated Input Voltage: 200-240V AC/DC
Rated Frequency: 0/50/60Hz
Rated Input Current: See below table for details
Rated Output: See below table for details
Protection against Electric Shock: Auto-wound
Method of Installation: Built-in
Type of Output: Constant current type
ta: See below table for details
tc: See below table for details

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

Production Facility(ies): 089086

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Model No.	Rated Input Current (A) Max.	Output Voltage (VDC)	I _{rated} (mA)	U _{out} (VDC)	P _{rated} (W) Max.	ta; tc (°C)
BK-BNN020-AXXXXA	0.11	30-75	100-250	330	7.50-18.75	60; 80
BK-BEN022E-A0350AS BK-BEN022A-A0350AS	0.11	27-72	200	250	14.40	60(≤ 250mA); 85 50(> 250mA); 85
		27-72	250		18.00	
		27-72	300		21.60	
		27-63	350		22.05	
BK-BEN022E-AXXXXAS BK-BEN022A-AXXXXAS	0.11	27-72	100-300	250	7.20-21.60	60(≤ 250mA); 85 50(> 250mA); 85
		27-63	310-340		19.53-21.42	
BK-BEN022E-AXXXXA BK-BEN022A-AXXXXA	0.11	27-72	100-300	250	7.20-21.60	60(≤ 250mA); 85 50(> 250mA); 85
		27-63	310-350		19.53-22.05	
BK-BEN022E-B0350AS BK-BEN022A-B0350AS	0.11	27-72	200	250	14.40	60; 90
		27-72	250		18.00	
		27-72	300		21.60	
		27-63	350		22.05	
BK-BEN022E-BXXXXAS BK-BEN022A-BXXXXAS	0.11	27-72	100-300	250	7.20-21.60	60; 90
		27-63	310-340		19.53-21.42	
BK-BEN022E-BXXXXA BK-BEN022A-BXXXXA	0.11	27-72	100-300	250	7.20-21.60	60; 90
		27-63	310-350		19.53-22.05	
BK-BEN040E-A0350AS BK-BEN040A-A0350AS	0.19	50-133	200	250	26.60	60(≤ 250mA); 85 50(> 250mA); 85
		50-133	250		33.25	
		50-133	300		39.90	
		50-114	350		39.90	
BK-BEN040E-AXXXXAS BK-BEN040A-AXXXXAS	0.19	50-133	100-300	250	13.30-39.90	60(≤ 250mA); 85 50(> 250mA); 85
		50-114	310-340		35.34-38.76	
BK-BEN040E-AXXXXA BK-BEN040A-AXXXXA	0.19	50-133	100-300	250	13.30-39.90	60(≤ 250mA); 85 50(> 250mA); 85
		50-114	310-350		35.34-39.90	
BK-BEN040E-B0350AS BK-BEN040A-B0350AS	0.19	50-133	200	250	26.60	60; 90
		50-133	250		33.25	
		50-133	300		39.90	
		50-114	350		39.90	
BK-BEN040E-BXXXXAS BK-BEN040A-BXXXXAS	0.19	50-133	100-300	250	13.30-39.90	60; 90
		50-114	310-340		35.34-38.76	
BK-BEN040E-BXXXXA BK-BEN040A-BXXXXA	0.19	50-133	100-300	250	13.30-39.90	60; 90
		50-114	310-350		35.34-39.90	
BK-BEN060E-A0350AS BK-BEN060A-A0350AS	0.34	80-200	200	250	40.00	60(≤ 250mA); 85 50(> 250mA); 85
		80-200	250		50.00	
		80-200	300		60.00	
		80-172	350		60.20	
BK-BEN060E-AXXXXAS BK-BEN060A-AXXXXAS	0.34	80-200	100-300	250	20.00-60.00	60(≤ 250mA); 85 50(> 250mA); 85
		80-172	310-340		53.32-58.48	
BK-BEN060E-AXXXXA BK-BEN060A-AXXXXA	0.34	80-200	100-300	250	20.00-60.00	60(≤ 250mA); 85 50(> 250mA); 85
		80-172	310-350		53.32-60.20	
BK-BEN060E-B0350AS BK-BEN060A-B0350AS	0.34	80-200	200	250	40.00	60; 90
		80-200	250		50.00	
		80-200	300		60.00	
		80-172	350		60.20	
BK-BEN060E-BXXXXAS BK-BEN060A-BXXXXAS	0.34	80-200	100-300	250	20.00-60.00	60; 90
		80-172	310-340		53.32-58.48	
BK-BEN060E-BXXXXA BK-BEN060A-BXXXXA	0.34	80-200	100-300	250	20.00-60.00	60; 90
		80-172	310-350		53.32-60.20	
BK-BEN080E-A0550AS BK-BEN080A-A0550AS	0.432	50-216	200	250	43.20	60; 90
		50-216	250		54.00	
		50-216	300		64.80	
		50-216	350		75.60	
		50-200	400		80.00	
		50-177	450		79.65	

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		50-160	500		80.00	
		50-145	550		79.75	
BK-BEN080E-AXXXXAS BK-BEN080A-AXXXXAS	0.432	50-216	100-350	250	21.60-75.60	60; 90
		50-200	360-400		72.00-80.00	
		50-177	410-450		72.57-79.65	
		50-160	460-500		73.60-80.00	
		50-145	510-540		73.95-78.30	
BK-BEN080E-AXXXXA BK-BEN080A-AXXXXA	0.432	50-216	100-350	250	21.60-75.60	60; 90
		50-200	360-400		72.00-80.00	
		50-177	410-450		72.57-79.65	
		50-160	460-500		73.60-80.00	
BK-BEN080E-B0500AS BK-BEN080A-B0500AS	0.432	50-216	350	250	75.60	60; 90
		50-200	400		80.00	
		50-177	450		79.65	
		50-160	500		80.00	
BK-BEN080E-BXXXXAS BK-BEN080A-BXXXXAS	0.432	50-216	100-350	250	21.60-75.60	60; 90
		50-200	360-400		72.00-80.00	
		50-177	410-450		72.57-79.65	
		50-160	460-490		73.60-78.40	
BK-BEN080E-BXXXXA BK-BEN080A-BXXXXA	0.432	50-216	100-350	250	21.60-75.60	60; 90
		50-200	360-400		72.00-80.00	
		50-177	410-450		72.57-79.65	
		50-160	460-500		73.60-80.00	
BK-BEN100A-A0800AS	0.55	54-240	350	300	84.00	60; 90
		54-240	400		96.00	
		54-222	450		99.90	
		54-200	500		100.00	
		54-181	550		99.55	
		54-166	600		99.60	
		54-153	650		99.45	
		54-142	700		99.40	
		54-133	750		99.75	
		54-125	800		100.00	
BK-BEN100A-AXXXXAS	0.55	54-240	100-400	300	24.00-96.00	60; 90
		54-222	410-450		91.02-99.90	
		54-200	460-500		92.00-100.00	
		54-181	510-550		92.31-99.55	
		54-166	560-600		92.96-99.60	
		54-153	610-650		93.33-99.45	
		54-142	660-700		93.72-99.40	
		54-133	710-750		94.43-99.75	
		54-125	760-790		95.00-98.75	
BK-BEN100A-AXXXXA	0.55	54-240	100-400	300	24.00-96.00	60; 90
		54-222	410-450		91.02-99.90	
		54-200	460-500		92.00-100.00	
		54-181	510-550		92.31-99.55	
		54-166	560-600		92.96-99.60	
		54-153	610-650		93.33-99.45	
		54-142	660-700		93.72-99.40	
		54-133	710-750		94.43-99.75	
54-125	760-800	95.00-100.00				
BK-BEN100A-A0800AN	0.55	54-240	100-800	300	100.00	60; 90
BK-BEN100A-B0500AS	0.55	54-216	350	250	75.60	60; 90
		54-216	400		86.40	
		54-216	450		97.20	
		54-200	500		100.00	
BK-BEN100A-BXXXXAS	0.55	54-216	100-450	250	21.60-97.20	60; 90
		54-200	460-490		92.00-98.00	

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BK-BEN100A-BXXXXA	0.55	54-216	100-450	250	21.60-97.20	60; 90
		54-200	460-500		92.00-100.00	
BK-BEN150A-A1000AS	0.8	54-240	350	300	84.00	60; 90
		54-240	450		108.0	
		54-240	550		132.0	
		54-230	650		149.5	
		54-200	750		150.0	
		54-187	800		149.6	
		54-176	850		149.6	
		54-166	900		149.4	
		54-158	950		150.1	
		54-150	1000		150.0	
		BK-BEN150A-AXXXXAS	0.8		54-240	
54-230	560-650			128.8-149.5		
54-200	660-750			132.0-150.0		
54-187	760-800			142.12-149.6		
54-176	810-850			142.56-149.6		
54-166	860-900			142.76-149.4		
54-158	910-950			143.78-150.1		
54-150	960-990			144.0-148.5		
BK-BEN150A-AXXXXA	0.8	54-240	100-550	300	24.0-132.0	60; 90
		54-230	560-650		128.8-149.5	
		54-200	660-750		132.0-150.0	
		54-187	760-800		142.12-149.6	
		54-176	810-850		142.56-149.6	
		54-166	860-900		142.76-149.4	
		54-158	910-950		143.78-150.1	
		54-150	960-1000		144.0-150.0	
BK-BEN150A-A1000AN	0.8	54-240	100-1000	300	150.0	60; 90
BK-BEN150A-B0700AS	0.8	54-216	400	250	86.4	60; 90
		54-216	500		108.0	
		54-216	600		129.6	
		54-214	700		149.8	
BK-BEN150A-BXXXXAS	0.8	54-216	100-600	250	21.6-129.6	60; 90
		54-214	610-690		130.54-147.66	
BK-BEN150A-BXXXXA	0.8	54-216	100-600	250	21.6-129.6	60; 90
		54-214	610-700		130.54-149.8	