

Constant voltage linear dimmable driver

DGV Series suffix D(DALI-2+pushDIM+1-10V/10V PWM/Rx+12V)



Features

- Support DALI-2/pushDIM+1-10V/10V PWM/Rx dimming +12V auxiliary power
- Provide 12V 100mA auxiliary power supply to power control module or sensor
- Soft dimming and flicker-free at any brightness
- Dimming range 1~100%, support multiple lights dimming
- Standby power input < 0.5W, meets the requirements of ErP certification
- High PF, high efficiency, low THD
- SELV and Class I design, suitable for use inside of the light
- Passed CE, ENEC, UKCA, RCM, DALI-2 and other certifications
- IP20 protection grade, indoor use
- Nominal life-time up to 100,000 h
- 5-year guarantee

Interfaces

- DALI-2(DALI-2 DT6)
- PUSH(pushDIM)
- 1-10V 3in1(1-10V / 10V PWM/Rx)
- VCC Auxiliary power(12V,100mA)

Functions

- Support self-contained emergency application
- Protective features
(short-circuit, overload, no-load protection)

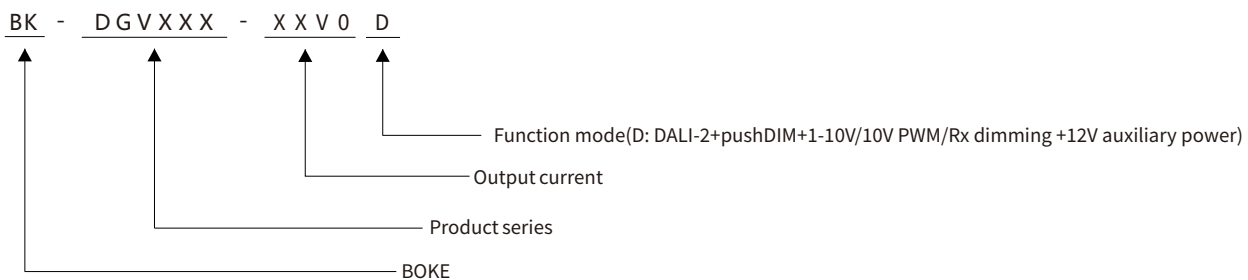
Suitable for lights

- Suitable for CV strip lights, CV linear lights, floor lights, three-proof lights, etc

Typical applications

- LED indoor lighting
- LED office lighting
- LED commercial lighting

Model coding rules of DGV series



Function list

Model	Suffix	Wired dimming			Aux power	Advanced functions				Device Configuration
		DALI-2	pushDIM	1-10V 3in1		AOC	EL	CLO	corridorDIM	
BK-DGV036 BK-DGV060 BK-DGV100 BK-DGV150 BK-DGV200	D	√	√	√	√					
	DP	√	√	√	√	√	√	√	√	√

* The description in this specification is only applicable to the products with the suffix D and the model are DGV036,DGV060,DGV100,DGV150 and DGV200 .

Model list

Model	Input voltage	Output power	Output voltage	Output current	Dimension	Certifications
BK-DGV036-24V0D	200-240VAC	36W MAX.	24VDC	1.5A	L245*W30*H21mm	CE, ENEC, UKCA, RCM, DALI-2
BK-DGV036-24V0DP	200-240VAC	36W MAX.	24VDC	1.5A	L245*W30*H21mm	CE, ENEC, UKCA, RCM, DALI-2
BK-DGV036-48V0D	200-240VAC	36W MAX.	48VDC	0.75A	L245*W30*H21mm	CE, ENEC, UKCA, RCM, DALI-2
BK-DGV036-48V0DP	200-240VAC	36W MAX.	48VDC	0.75A	L245*W30*H21mm	CE, ENEC, UKCA, RCM, DALI-2
BK-DGV060-24V0D	200-240VAC	60W MAX.	24VDC	2.5A	L285*W30*H21mm	CE, ENEC, UKCA, RCM, DALI-2
BK-DGV060-24V0DP	200-240VAC	60W MAX.	24VDC	2.5A	L285*W30*H21mm	CE, ENEC, UKCA, RCM, DALI-2
BK-DGV060-48V0D	200-240VAC	57.6W MAX.	48VDC	1.2A	L285*W30*H21mm	CE, ENEC, UKCA, RCM, DALI-2
BK-DGV060-48V0DP	200-240VAC	57.6W MAX.	48VDC	1.2A	L285*W30*H21mm	CE, ENEC, UKCA, RCM, DALI-2
BK-DGV100-24V0D	200-240VAC	100W MAX.	24VDC	4.2A	L355*W30*H21mm	CE, ENEC, UKCA, RCM, DALI-2, CCC
BK-DGV100-24V0DP	200-240VAC	100W MAX.	24VDC	4.2A	L355*W30*H21mm	CE, ENEC, UKCA, RCM, DALI-2, CCC
BK-DGV100-48V0D	200-240VAC	100W MAX.	48VDC	2.09A	L355*W30*H21mm	CE, ENEC, UKCA, RCM, DALI-2, CCC
BK-DGV100-48V0DP	200-240VAC	100W MAX.	48VDC	2.09A	L355*W30*H21mm	CE, ENEC, UKCA, RCM, DALI-2, CCC
BK-DGV150-24V0D	200-240VAC	150W MAX.	24VDC	6.25A	L355*W36*H23mm	CE, ENEC, UKCA, RCM, DALI-2, CCC
BK-DGV150-24V0DP	200-240VAC	150W MAX.	24VDC	6.25A	L355*W36*H23mm	CE, ENEC, UKCA, RCM, DALI-2, CCC
BK-DGV150-48V0D	200-240VAC	150W MAX.	48VDC	3.12A	L355*W36*H23mm	CE, ENEC, UKCA, RCM, DALI-2, CCC
BK-DGV150-48V0DP	200-240VAC	150W MAX.	48VDC	3.12A	L355*W36*H23mm	CE, ENEC, UKCA, RCM, DALI-2, CCC
BK-DGV200-24V0D	200-240VAC	199.2W MAX.	24VDC	8.3A	L321.5*W48*H30mm	CE, ENEC, UKCA, RCM, DALI-2
BK-DGV200-24V0DP	200-240VAC	199.2W MAX.	24VDC	8.3A	L321.5*W48*H30mm	CE, ENEC, UKCA, RCM, DALI-2
BK-DGV200-48V0D	200-240VAC	199.2W MAX.	48VDC	4.15A	L321.5*W48*H30mm	CE, ENEC, UKCA, RCM, DALI-2
BK-DGV200-48V0DP	200-240VAC	199.2W MAX.	48VDC	4.15A	L321.5*W48*H30mm	CE, ENEC, UKCA, RCM, DALI-2

* The description in this specification is only applicable to the products with the suffix D and the model are DGV036,DGV060,DGV100,DGV150 and DGV200 .

Technical data

Product model	BK-DGV036-24V0D	BK-DGV036-48V0D	
Output parameters			
Regulation method	Constant voltage	Constant voltage	
Rated output current	1.5A	0.75A	
Rated output voltage	24V	48V	
Rated output power	36W Max	36W Max	
Output voltage adjustment	Fixed output	Fixed output	
Output current ripple LF	±2%	±2%	
Voltage accuracy	±5%	±5%	
Linear regulation	±1%	±1%	
Load regulation	±5%	±5%	
No load output voltage	N/A	N/A	
Flicker-free	Pst LM=0.002, SVM=0.000,(The above parameters are obtained by testing with constant voltage light strip)		
Input parameters			
Rated input voltage range	200-240VAC		
Input voltage range	180-264VAC		
Input votage shock	<380 V AC		
Input current	<0.25A (AC 200V)		
Input frequency	50/60Hz		
Input PF/Input DF	PF>0.95 (230V AC & Full load),DF>0.98 (230V AC & Full load)		
Input THD	12% (230V AC & Full load)		
Efficiency(typical)	88% (230V AC & Full load)		
In-rush current	16.25A peak ,260us duration(50 % Ipeak), see the description below for details		
Start/Switchover/Turn off	<0.7s(AC start),<0.7s(DC start),<0.3s(AC/DC switchover),<0.5s(Turn off)		
Switching cycles	> 50,000 switching cycles		
Power consumption	Full load(Pin):41W, No load(Pno): N/A, On stand-by(Psb) : N/A, Network stand-by(Pnet) : N/A		
Safety			
Withstand voltage	I/P-O/P(LED):3750VAC,I/P-FG:1750VAC,O/P-FG:500VAC,I/P-DALI: 1500VAC,O/P-DALI: 1500VAC		
Mains surge capability	L-N:2KV,L-FG/N-FG:2KV(Performance criterion:A)		
Leakage current	0.48mA (230V AC & Full load)		
Isolation resistance	I/P-O/P:100MΩ/500Vdc/25°C/70% RH		
Control interface			
DALI dimming port	Voltage range: DC9.5-22.5V, typical 16V, interface current consumption: 1.8mA		
pushDIM dimming port	Voltage range: AC180-264V 50/60Hz		
1-10V 3in1 dimming port	Voltage range: DC0-15V, maximum output current ≤0.75mA		
Auxiliary power supply	DC12V ±5% 100mA		
Dimming range	1-100%		
Dimming drive mode	H-PWM		
Emergency support			
Central emergency system	Not supported		
Self-contained emergency	Supported		
Environment & Life time			
Operating temperature	Ta=-20-60°C		
Case temperature	Tc=90°C		
Operating humidity	5-85% RH, not condensing		
Storage temp./humidity	-40-80°C, 5-85% RH, not condensing		
IP grade	IP20		
MTBF	500,000H,MIL-HDBK-217F(25°C)		
Life-time	Nominal life-time up to 100,000 h, see the description below for details		
Vibration resistant	10~500Hz,5G 12min./1cycle,period for 72min. each along X,Y,Z axes		
Acoustic Noise	<25dB(30cm, Normal operation)		
Environmental protection	RoHS		
Certifications and standards			
Certified	CE, ENEC, UKCA, RCM, DALI-2		
Safety	EN61347-1, EN61347-2-13, EN62384		
EMC	EN55015, EN61000-3-2 , EN61000-3-3, EN61000-4-2,3,4,5,6,8,11, EN61547		
DALI-2	IEC 62386-101(DALI-2), IEC 62386-102(DALI-2), IEC 62386-207(DALI-2)		
EL	N/A		
RF	N/A		

Remarks

1.By default, all parameter are measured at 230VAC input, full load and 25°C of ambient temperature.

Technical data

Product model	BK-DGV060-24V0D	BK-DGV060-48V0D	
Output parameters			
Regulation method	Constant voltage	Constant voltage	
Rated output current	2.5A	1.2A	
Rated output voltage	24V	48V	
Rated output power	60W Max	57.6W Max	
Output voltage adjustment	Fixed output	Fixed output	
Output current ripple LF	±2%	±2%	
Voltage accuracy	±5%	±5%	
Linear regulation	±5%	±5%	
Load regulation	±5%	±5%	
No load output voltage	N/A	N/A	
Flicker-free	Pst LM=0.176, SVM=0.000,(The above parameters are obtained by testing with constant voltage light strip)		
Input parameters			
Rated input voltage range	200-240VAC		
Input voltage range	180-264VAC		
Input votage shock	<380 V AC		
Input current	<0.35A (AC200V)		
Input frequency	50/60Hz		
Input PF/Input DF	PF>0.95 (230V AC & Full load),DF>0.98 (230V AC & Full load)		
Input THD	10% (230V AC & Full load)		
Efficiency(typical)	90% (230V AC & Full load)		
In-rush current	34A peak ,260us duration(50 % Ipeak), see the description below for details		
Start/Switchover/Turn off	<0.7s(AC start),<0.7s(DC start),<0.3s(AC/DC switchover),<0.5s(Turn off)		
Switching cycles	> 50,000 switching cycles		
Power consumption	Full load(Pin):67W, No load(Pno): N/A, On stand-by(Psb) : N/A, Network stand-by(Pnet) : N/A		
Safety			
Withstand voltage	I/P-O/P(LED):3750VAC,I/P-FG:1750VAC,O/P-FG:500VAC,I/P-DALI: 1500VAC,O/P-DALI: 1500VAC		
Mains surge capability	L-N:2KV,L-FG/N-FG:2KV(Performance criterion:A)		
Leakage current	0.46mA (230V AC & Full load)		
Isolation resistance	I/P-O/P:100MΩ/500Vdc/25°C/70% RH		
Control interface			
DALI dimming port	Voltage range: DC9.5-22.5V, typical 16V, interface current consumption: 1.8mA		
pushDIM dimming port	Voltage range: AC180-264V 50/60Hz		
1-10V 3in1 dimming port	Voltage range: DC0-15V, maximum output current ≤0.75mA		
Auxiliary power supply	DC12V ±5% 100mA		
Dimming range	1-100%		
Dimming drive mode	H-PWM		
Emergency support			
Central emergency system	Not supported		
Self-contained emergency	Supported		
Environment & Life time			
Operating temperature	Ta=-20-60°C		
Case temperature	Tc=90°C		
Operating humidity	5-85% RH, not condensing		
Storage temp./humidity	-40-80°C, 5-85% RH, not condensing		
IP grade	IP20		
MTBF	500,000H,MIL-HDBK-217F(25°C)		
Life-time	Nominal life-time up to 100,000 h, see the description below for details		
Vibration resistant	10~500Hz,5G 12min./1cycle,period for 72min. each along X,Y,Z axes		
Acoustic Noise	<25dB(30cm, Normal operation)		
Environmental protection	RoHS		
Certifications and standards			
Certified	CE, ENEC, UKCA, RCM, DALI-2		
Safety	EN61347-1, EN61347-2-13, EN62384		
EMC	EN55015, EN61000-3-2 , EN61000-3-3, EN61000-4-2,3,4,5,6,8,11, EN61547		
DALI-2	IEC 62386-101(DALI-2), IEC 62386-102(DALI-2), IEC 62386-207(DALI-2)		
EL	N/A		
RF	N/A		

Remarks

1.By default, all parameter are measured at 230VAC input, full load and 25°C of ambient temperature.

Technical data

Product model	BK-DGV100-24V0D	BK-DGV100-48V0D	
Output parameters			
Regulation method	Constant voltage	Constant voltage	
Rated output current	4.2A	2.09A	
Rated output voltage	24V	48V	
Rated output power	100W Max	100W Max	
Output voltage adjustment	Fixed output	Fixed output	
Output current ripple LF	±2%	±2%	
Voltage accuracy	±5%	±5%	
Linear regulation	±5%	±5%	
Load regulation	±5%	±5%	
No load output voltage	N/A	N/A	
Flicker-free	Pst LM=0.065, SVM=0.015,(The above parameters are obtained by testing with constant voltage light strip)		
Input parameters			
Rated input voltage range	200-240VAC		
Input voltage range	180-264VAC		
Input votage shock	<300 V AC		
Input current	<0.65A (AC 200V)		
Input frequency	50/60Hz		
Input PF/Input DF	PF>0.95 (230V AC & Full load),DF>0.98 (230V AC & Full load)		
Input THD	10% (230V AC & Full load)		
Efficiency(typical)	91% (230V AC & Full load)		
In-rush current	46.38A peak ,278us duration(50 % Ipeak), see the description below for details		
Start/Switchover/Turn off	<0.7s(AC start),<0.7s(DC start),<0.3s(AC/DC switchover),<0.5s(Turn off)		
Switching cycles	> 50,000 switching cycles		
Power consumption	Full load(Pin):109W, No load(Pno): N/A, On stand-by(Psb) : N/A, Network stand-by(Pnet) : N/A		
Safety			
Withstand voltage	I/P-O/P(LED):3750VAC,I/P-FG:1750VAC,O/P-FG:500VAC,I/P-DALI: 1500VAC,O/P-DALI: 1500VAC		
Mains surge capability	L-N:2KV,L-FG/N-FG:2KV(Performance criterion:B)		
Leakage current	0.45mA (230V AC & Full load)		
Isolation resistance	I/P-O/P:100MΩ/500Vdc/25°C/70% RH		
Control interface			
DALI dimming port	Voltage range: DC9.5-22.5V, typical 16V, interface current consumption: 1.8mA		
pushDIM dimming port	Voltage range: AC180-264V 50/60Hz		
1-10V 3in1 dimming port	Voltage range: DC0-15V, maximum output current ≤0.75mA		
Auxiliary power supply	DC12V ±5% 100mA		
Dimming range	1-100%		
Dimming drive mode	H-PWM		
Emergency support			
Central emergency system	Not supported		
Self-contained emergency	Supported		
Environment & Life time			
Operating temperature	Ta=-20-60°C		
Case temperature	Tc=95°C		
Operating humidity	5-85% RH, not condensing		
Storage temp./humidity	-40-80°C, 5-85% RH, not condensing		
IP grade	IP20		
MTBF	500,000H,MIL-HDBK-217F(25°C)		
Life-time	Nominal life-time up to 100,000 h, see the description below for details		
Vibration resistant	10~500Hz,5G 12min./1cycle,period for 72min. each along X,Y,Z axes		
Acoustic Noise	<25dB(30cm, Normal operation)		
Environmental protection	RoHS		
Certifications and standards			
Certified	CE, ENEC, UKCA, RCM, DALI-2		
Safety	EN61347-1, EN61347-2-13, EN62384		
EMC	EN55015, EN61000-3-2 , EN61000-3-3, EN61000-4-2,3,4,5,6,8,11, EN61547		
DALI-2	IEC 62386-101(DALI-2), IEC 62386-102(DALI-2), IEC 62386-207(DALI-2)		
EL	N/A		
RF	N/A		

Remarks

1.By default, all parameter are measured at 230VAC input, full load and 25°C of ambient temperature.

Technical data

Product model	BK-DGV150-24V0D	BK-DGV150-48V0D	
Output parameters			
Regulation method	Constant voltage	Constant voltage	
Rated output current	6.25A	3.12A	
Rated output voltage	24V	48V	
Rated output power	150W Max	150W Max	
Output voltage adjustment	Fixed output	Fixed output	
Output current ripple LF	± 2%	± 2%	
Voltage accuracy	± 5%	± 5%	
Linear regulation	± 5%	± 5%	
Load regulation	± 5%	± 5%	
No load output voltage	N/A	N/A	
Flicker-free	Pst LM=0.018, SVM=0.000,(The above parameters are obtained by testing with constant voltage light strip)		
Input parameters			
Rated input voltage range	200-240VAC		
Input voltage range	180-264VAC		
Input votage shock	<300 V AC		
Input current	<1A (AC 200V)		
Input frequency	50/60Hz		
Input PF/Input DF	PF>0.95 (230V AC & Full load),DF>0.98 (230V AC & Full load)		
Input THD	10% (230V AC & Full load)		
Efficiency(typical)	92% (230V AC & Full load)		
In-rush current	50A peak ,468us duration(50 % Ipeak), see the description below for details		
Start/Switchover/Turn off	<0.7s(AC start),<0.7s(DC start),<0.3s(AC/DC switchover),<0.5s(Turn off)		
Switching cycles	> 50,000 switching cycles		
Power consumption	Full load(Pin):166W, No load(Pno): N/A, On stand-by(Psb) : N/A, Network stand-by(Pnet) : N/A		
Safety			
Withstand voltage	I/P-O/P(LED):3750VAC,I/P-FG:1750VAC,O/P-FG:500VAC,I/P-DALI: 1500VAC,O/P-DALI: 1500VAC		
Mains surge capability	L-N:2KV,L-FG/N-FG:2KV(Performance criterion:B)		
Leakage current	0.38mA (230V AC & Full load)		
Isolation resistance	I/P-O/P:100MΩ/500Vdc/25°C/70% RH		
Control interface			
DALI dimming port	Voltage range: DC9.5-22.5V, typical 16V, interface current consumption: 1.8mA		
pushDIM dimming port	Voltage range: AC180-264V 50/60Hz		
1-10V 3in1 dimming port	Voltage range: DC0-15V, maximum output current ≤0.75mA		
Auxiliary power supply	DC12V ±5% 100mA		
Dimming range	1-100%		
Dimming drive mode	H-PWM		
Emergency support			
Central emergency system	Not supported		
Self-contained emergency	Supported		
Environment & Life time			
Operating temperature	Ta=-20-60°C		
Case temperature	Tc=90°C		
Operating humidity	5-85% RH, not condensing		
Storage temp./humidity	-40-80°C, 5-85% RH, not condensing		
IP grade	IP20		
MTBF	500,000H,MIL-HDBK-217F(25°C)		
Life-time	Nominal life-time up to 100,000 h, see the description below for details		
Vibration resistant	10~500Hz,5G 12min./1cycle,period for 72min. each along X,Y,Z axes		
Acoustic Noise	<25dB(30cm, Normal operation)		
Environmental protection	RoHS		
Certifications and standards			
Certified	CE, ENEC, UKCA, RCM, DALI-2		
Safety	EN61347-1, EN61347-2-13, EN62384		
EMC	EN55015, EN61000-3-2 , EN61000-3-3, EN61000-4-2,3,4,5,6,8,11, EN61547		
DALI-2	IEC 62386-101(DALI-2), IEC 62386-102(DALI-2), IEC 62386-207(DALI-2)		
EL	N/A		
RF	N/A		

Remarks

1.By default, all parameter are measured at 230VAC input, full load and 25°C of ambient temperature.

Technical data

Product model	BK-DGV200-24V0D	BK-DGV200-48V0D	
Output parameters			
Regulation method	Constant voltage	Constant voltage	
Rated output current	8.3A	4.15A	
Rated output voltage	24V	48V	
Rated output power	199.2W Max	199.2W Max	
Output voltage adjustment	Fixed output	Fixed output	
Output current ripple LF	± 2%	± 2%	
Voltage accuracy	± 5%	± 5%	
Linear regulation	± 5%	± 5%	
Load regulation	± 5%	± 5%	
No load output voltage	N/A	N/A	
Flicker-free	Pst LM=0.051, SVM=0.005,(The above parameters are obtained by testing with constant voltage light strip)		
Input parameters			
Rated input voltage range	200-240VAC		
Input voltage range	180-264VAC		
Input votage shock	<300 V AC		
Input current	<1.1A (AC 200V)		
Input frequency	50/60Hz		
Input PF/Input DF	PF>0.95 (230V AC & Full load),DF>0.98 (230V AC & Full load)		
Input THD	10% (230V AC & Full load)		
Efficiency(typical)	92% (230V AC & Full load)		
In-rush current	47A peak ,590us duration(50 % Ipeak), see the description below for details		
Start/Switchover/Turn off	<0.7s(AC start),<0.7s(DC start),<0.3s(AC/DC switchover),<0.5s(Turn off)		
Switching cycles	> 50,000 switching cycles		
Power consumption	Full load(Pin):216.5W, No load(Pno): N/A, On stand-by(Psb) : N/A, Network stand-by(Pnet) : N/A		
Safety			
Withstand voltage	I/P-O/P(LED):3750VAC,I/P-FG:1750VAC,O/P-FG:500VAC,I/P-DALI: 1500VAC,O/P-DALI: 1500VAC		
Mains surge capability	L-N:2KV,L-FG/N-FG:2KV(Performance criterion:B)		
Leakage current	0.41mA (230V AC & Full load)		
Isolation resistance	I/P-O/P:100MΩ/500Vdc/25°C/70% RH		
Control interface			
DALI dimming port	Voltage range: DC9.5-22.5V, typical 16V, interface current consumption: 1.8mA		
pushDIM dimming port	Voltage range: AC180-264V 50/60Hz		
1-10V 3in1 dimming port	Voltage range: DC0-15V, maximum output current ≤0.75mA		
Auxiliary power supply	DC12V ±5% 100mA		
Dimming range	1-100%		
Dimming drive mode	H-PWM		
Emergency support			
Central emergency system	Not supported		
Self-contained emergency	Supported		
Environment & Life time			
Operating temperature	Ta=-20-60°C		
Case temperature	Tc=90°C		
Operating humidity	5-85% RH, not condensing		
Storage temp./humidity	-40-80°C, 5-85% RH, not condensing		
IP grade	IP20		
MTBF	500,000H,MIL-HDBK-217F(25°C)		
Life-time	Nominal life-time up to 100,000 h, see the description below for details		
Vibration resistant	10~500Hz,5G 12min./1cycle,period for 72min. each along X,Y,Z axes		
Acoustic Noise	<25dB(30cm, Normal operation)		
Environmental protection	RoHS		
Certifications and standards			
Certified	CE, ENEC, UKCA, RCM, DALI-2		
Safety	EN61347-1, EN61347-2-13, EN62384		
EMC	EN55015, EN61000-3-2 , EN61000-3-3, EN61000-4-2,3,4,5,6,8,11, EN61547		
DALI-2	IEC 62386-101(DALI-2), IEC 62386-102(DALI-2), IEC 62386-207(DALI-2)		
EL	N/A		
RF	N/A		

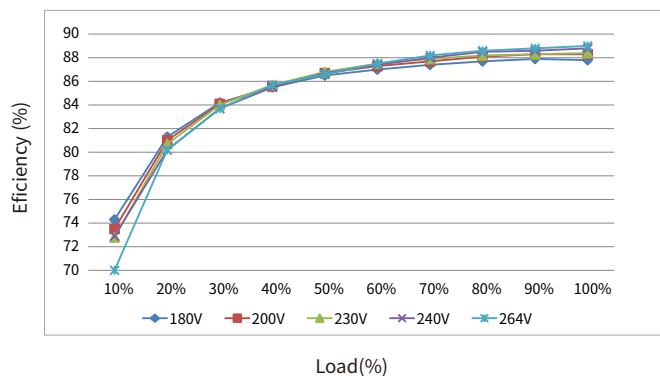
Remarks

1.By default, all parameter are measured at 230VAC input, full load and 25°C of ambient temperature.

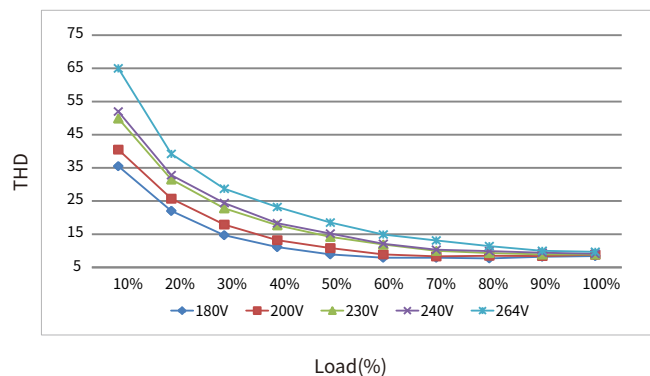
Electrical values

BK-DGV036-24V0D

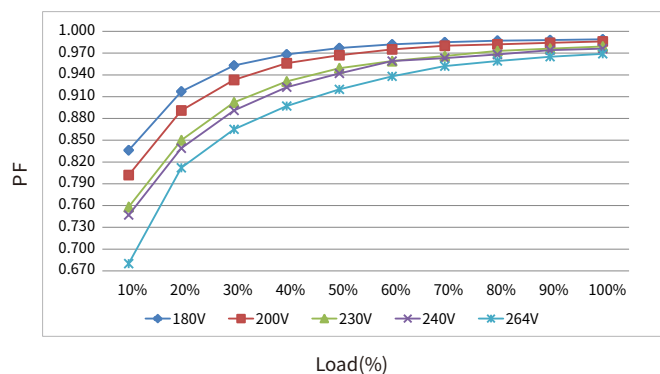
Efficiency vs load



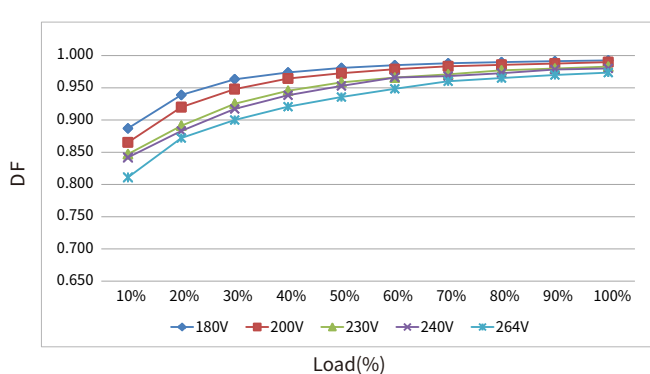
THD vs. Load



Power factor vs. Load

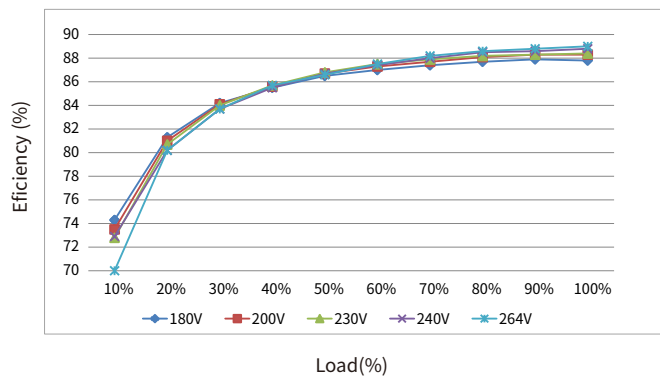


displacement power vs. Load

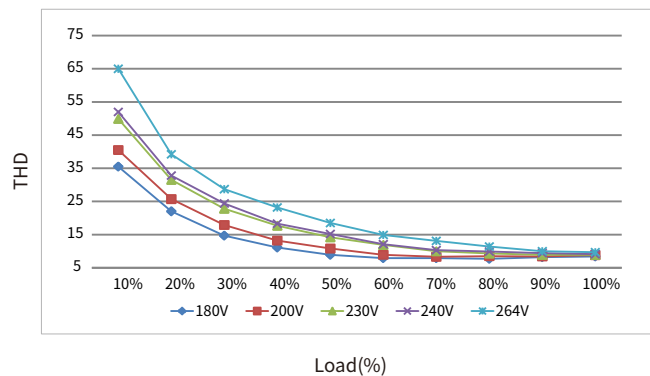


BK-DGV036-48V0D

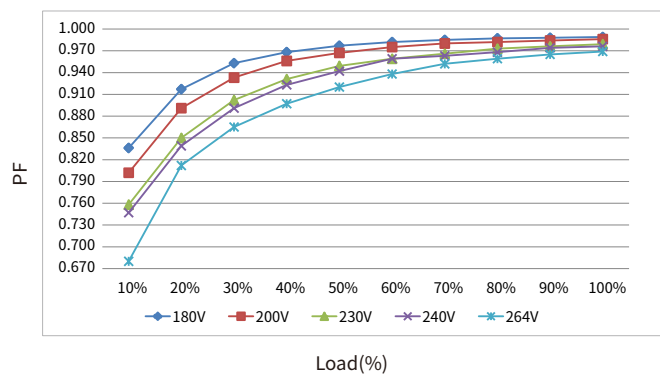
Efficiency vs load



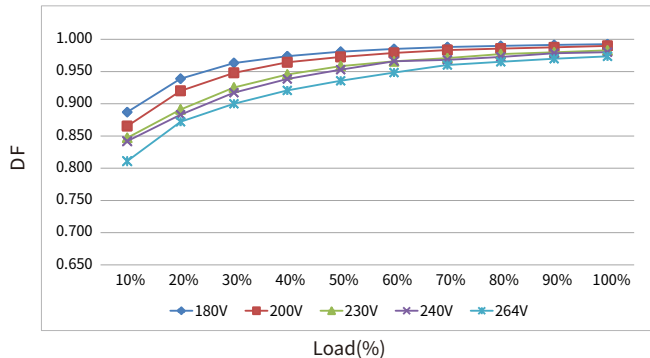
THD vs. Load



Power factor vs. Load



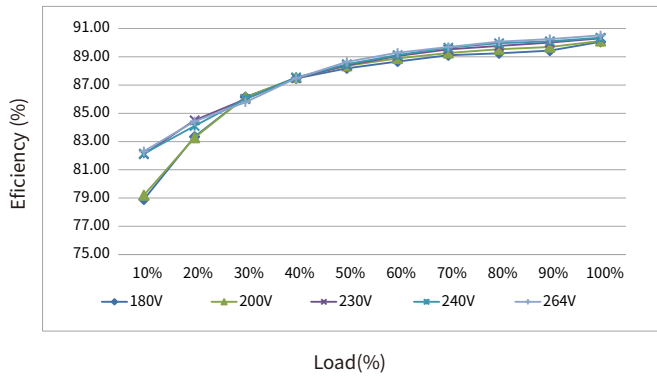
displacement power vs. Load



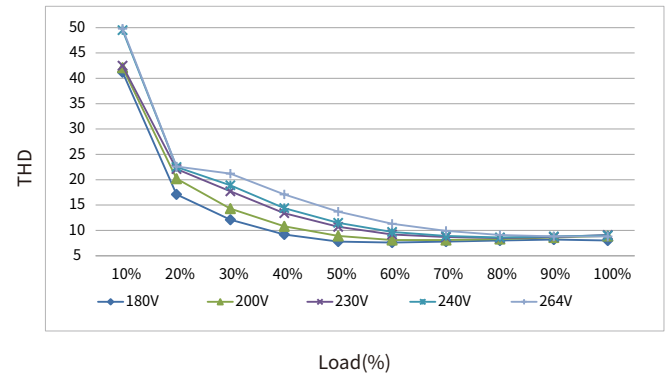
Electrical values

BK-DGV060-24V0D

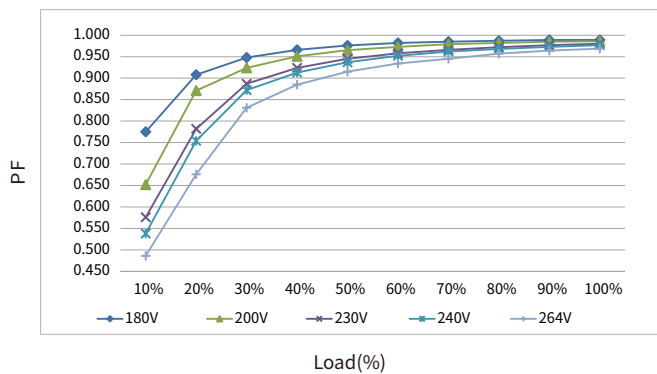
Efficiency vs load



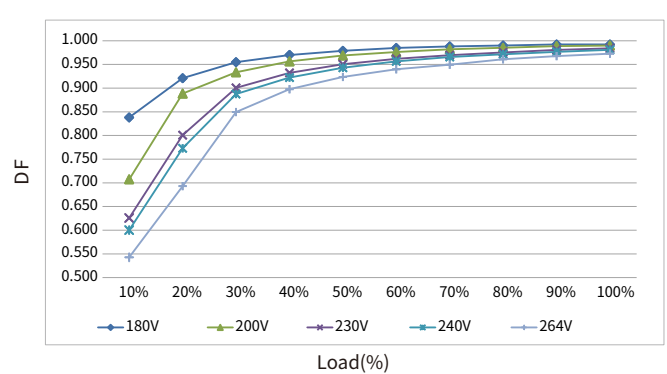
THD vs. Load



Power factor vs. Load

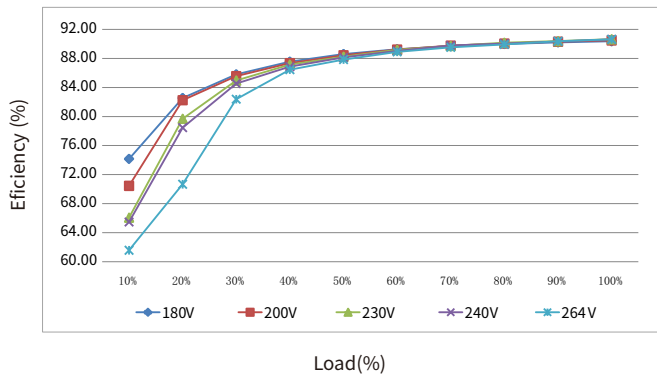


displacement power vs. Load

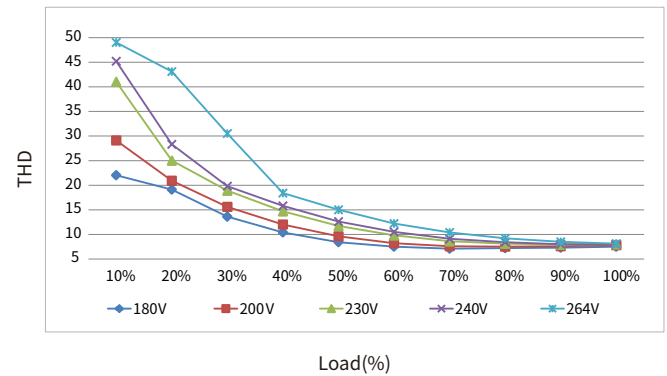


BK-DGV060-48V0D

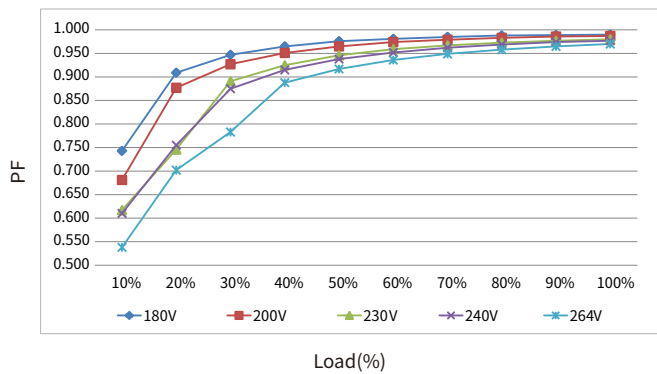
Efficiency vs load



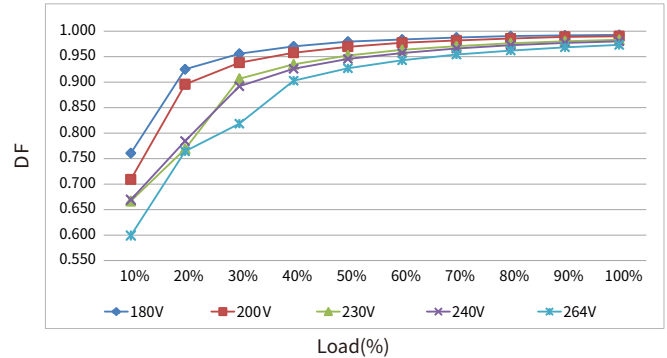
THD vs. Load



Power factor vs. Load



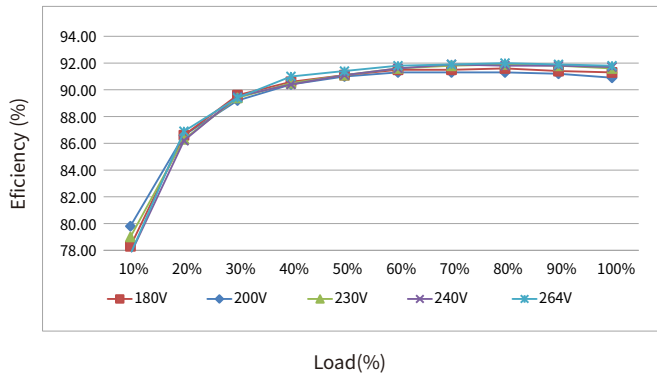
displacement power vs. Load



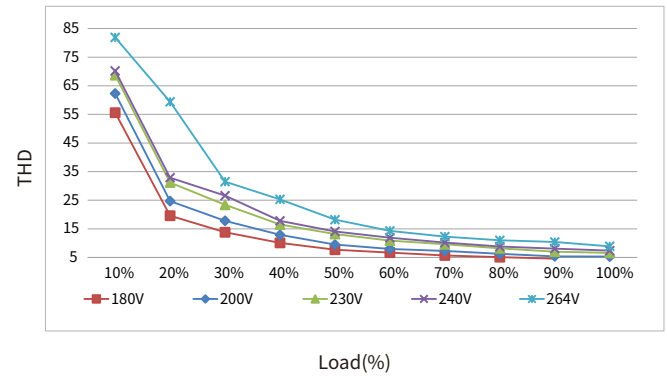
Electrical values

BK-DGV100-24V0D

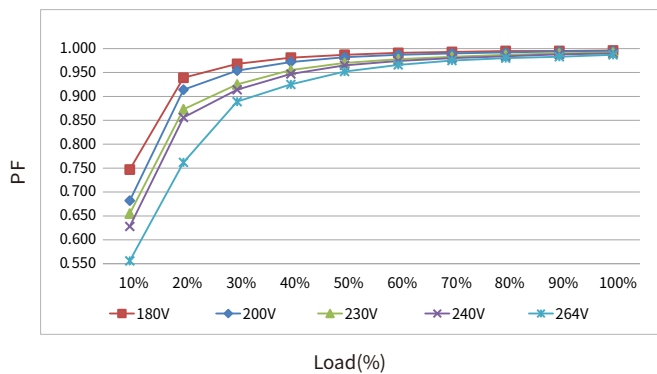
Efficiency vs load



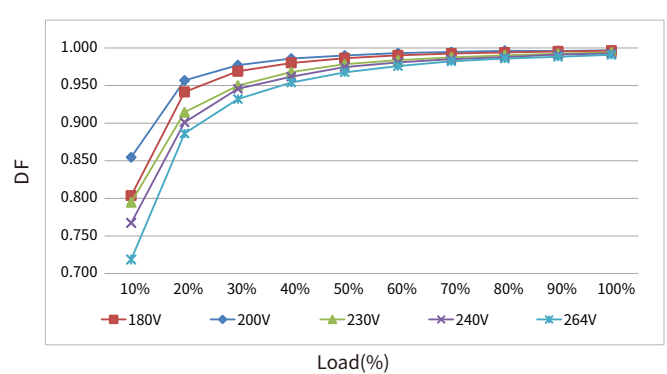
THD vs. Load



Power factor vs. Load

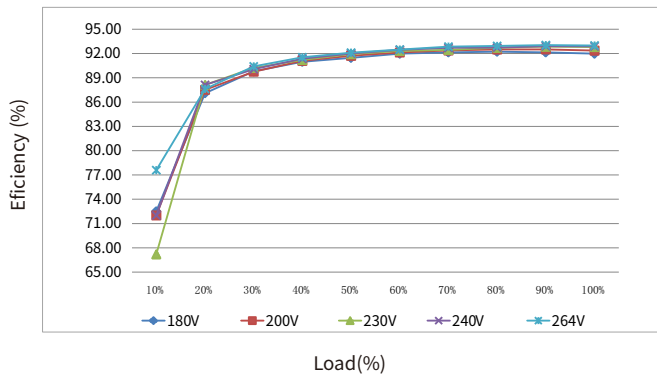


displacement power vs. Load

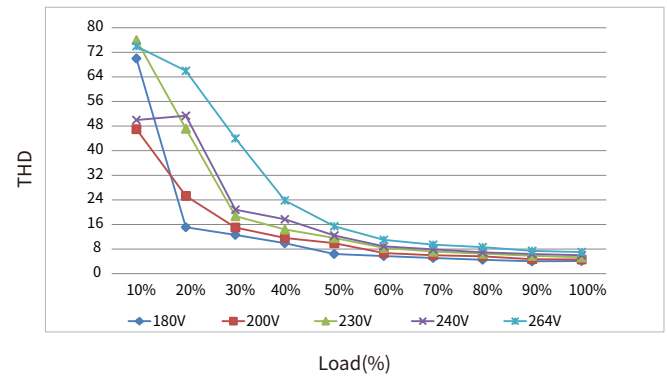


BK-DGV100-48V0D

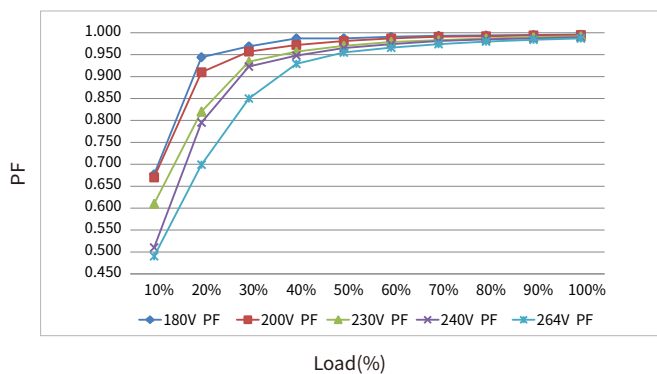
Efficiency vs load



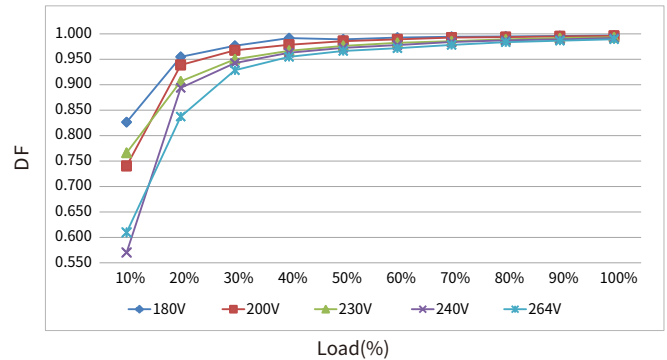
THD vs. Load



Power factor vs. Load



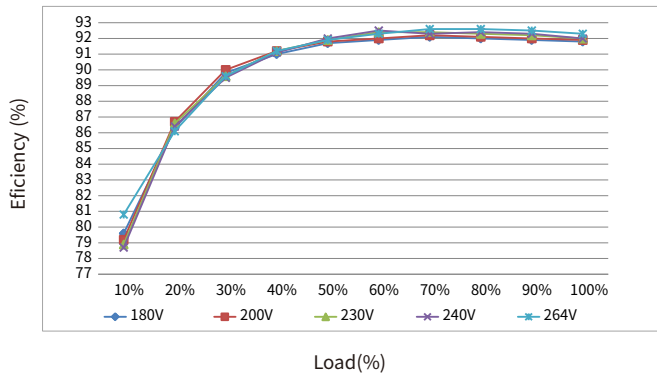
displacement power vs. Load



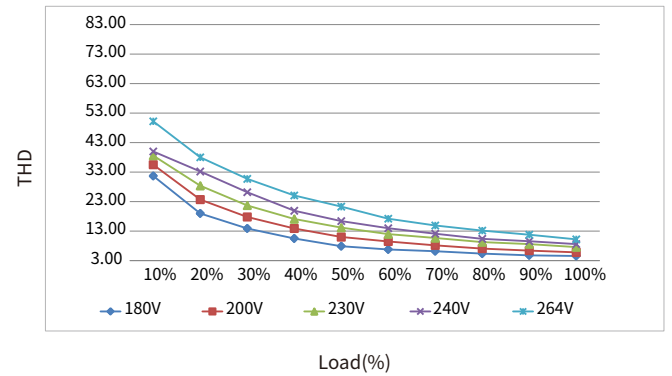
Electrical values

BK-DGV150-24V0D

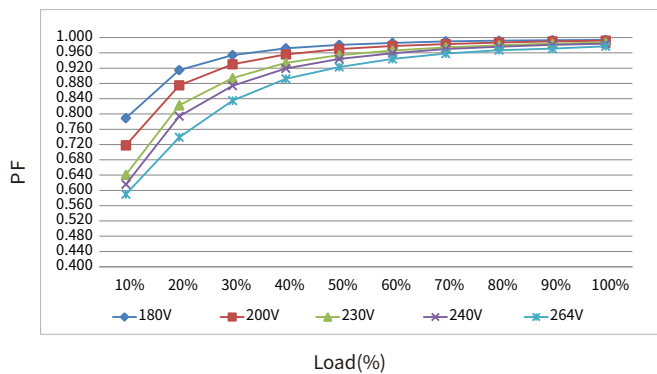
Efficiency vs load



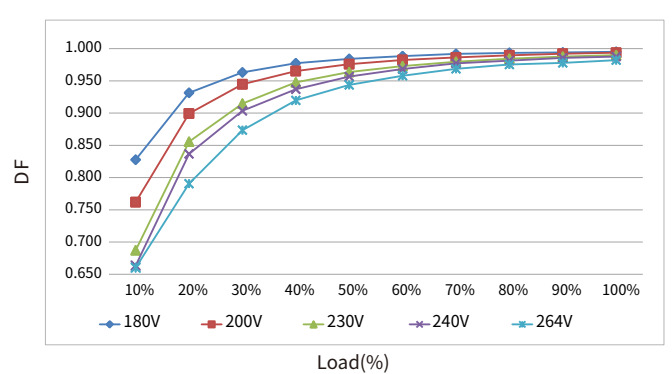
THD vs. Load



Power factor vs. Load

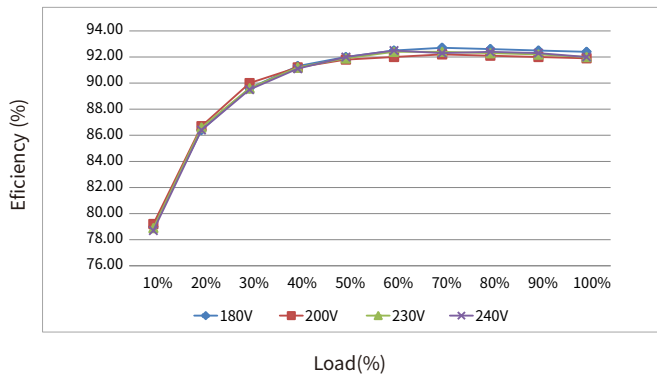


displacement power vs. Load

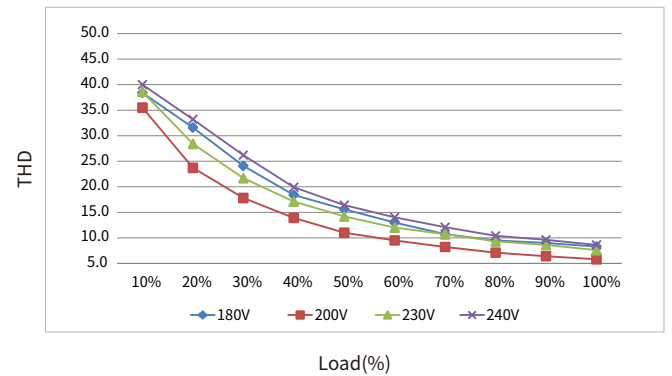


BK-DGV150-48V0D

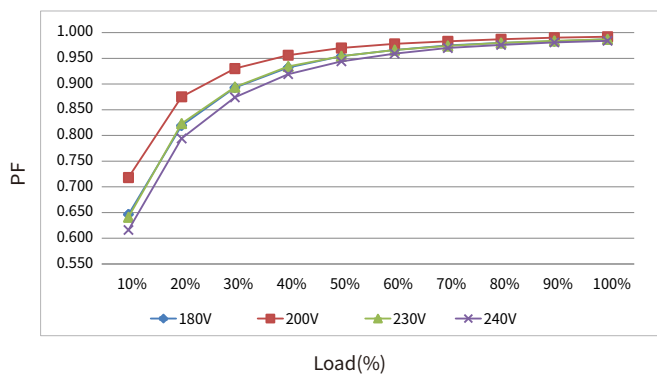
Efficiency vs load



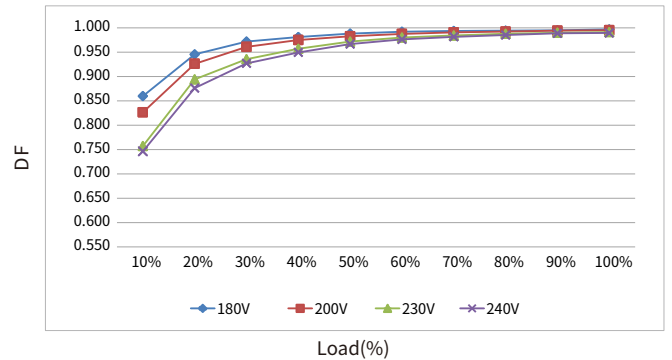
THD vs. Load



Power factor vs. Load



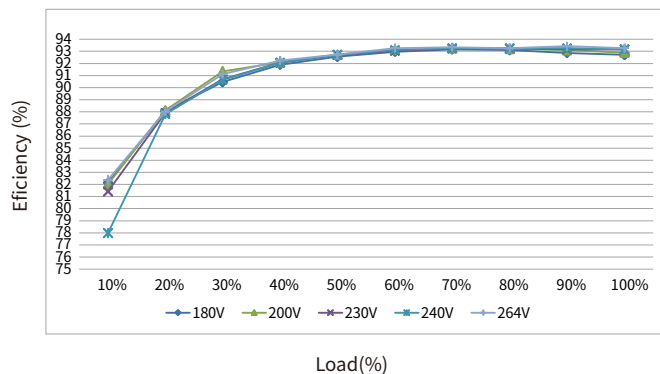
displacement power vs. Load



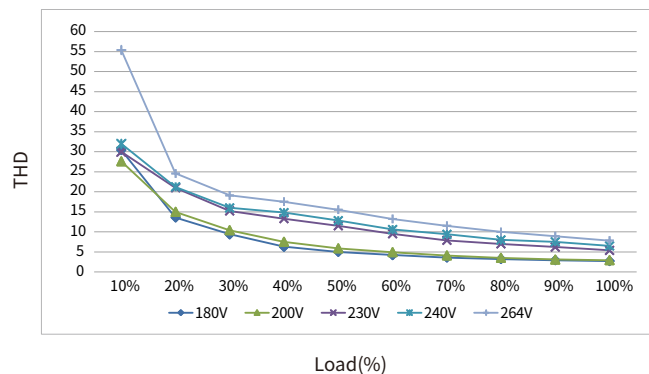
Electrical values

BK-DGV200-24V0D

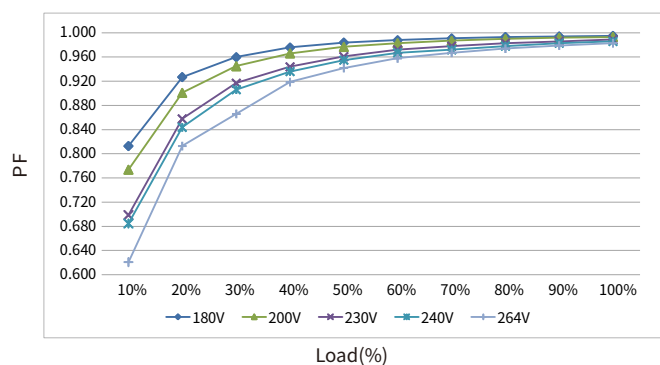
Efficiency vs load



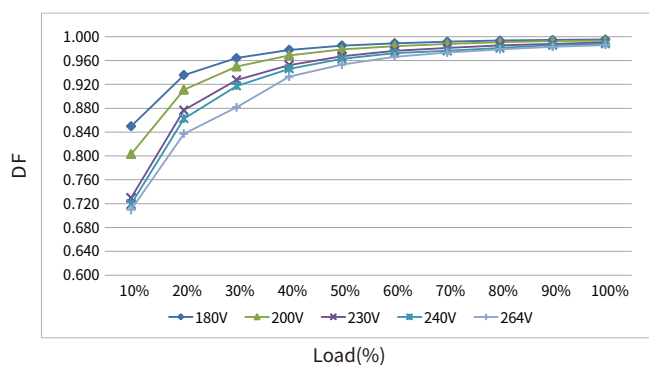
THD vs. Load



Power factor vs. Load

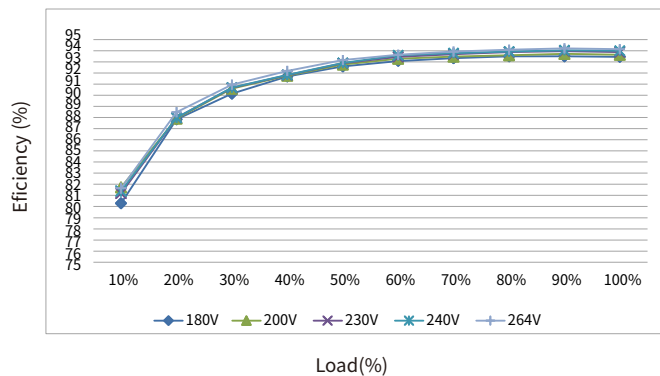


displacement power vs. Load

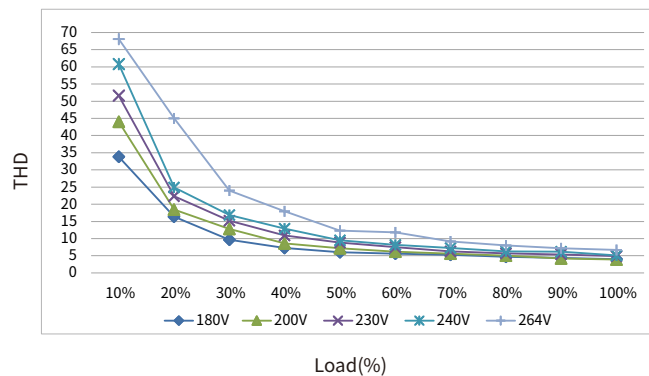


BK-DGV200-48V0D

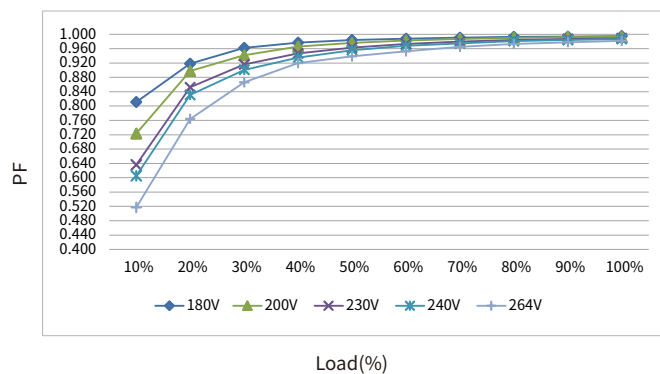
Efficiency vs load



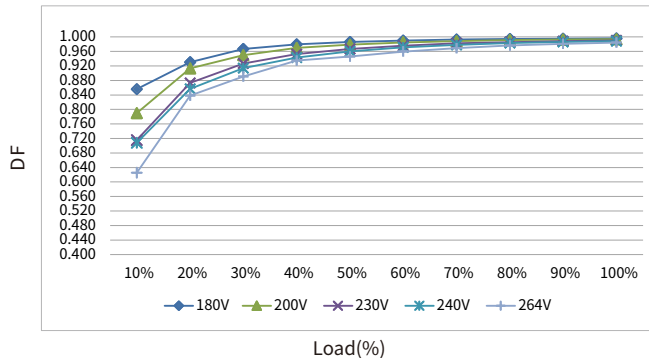
THD vs. Load



Power factor vs. Load



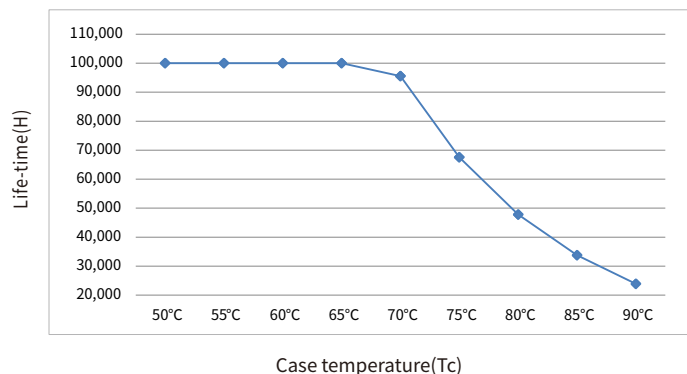
displacement power vs. Load



Expected life-time

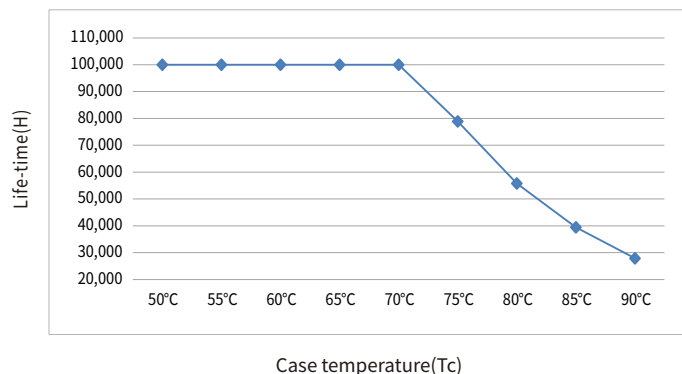
BK-DGV036

Life-time vs. case temperature



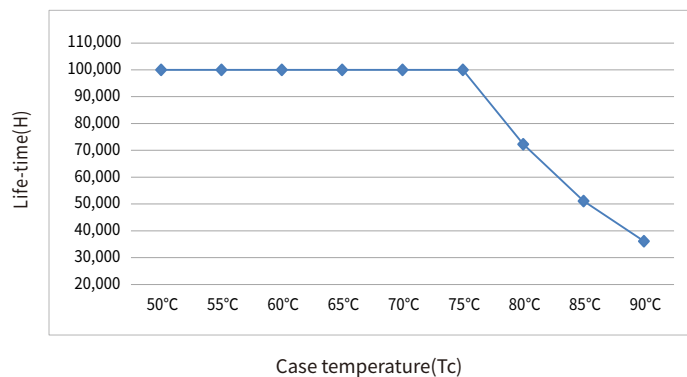
BK-DGV060

Life-time vs. case temperature



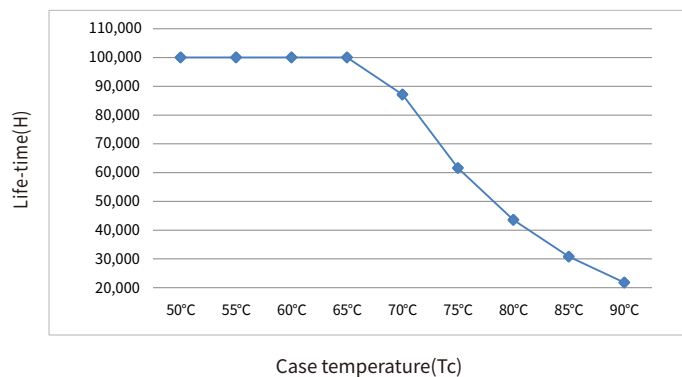
BK-DGV100

Life-time vs. case temperature



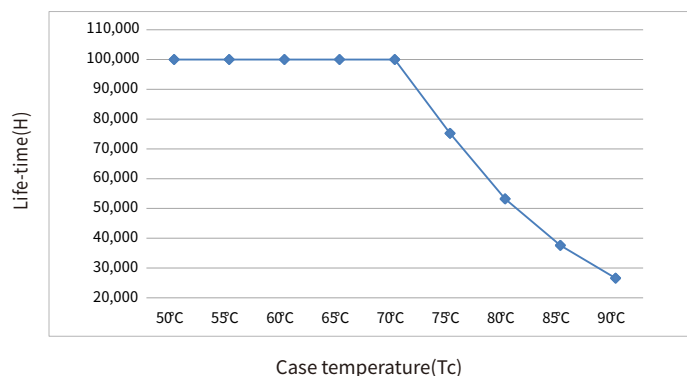
BK-DGV150

Life-time vs. case temperature



BK-DGV200

Life-time vs. case temperature

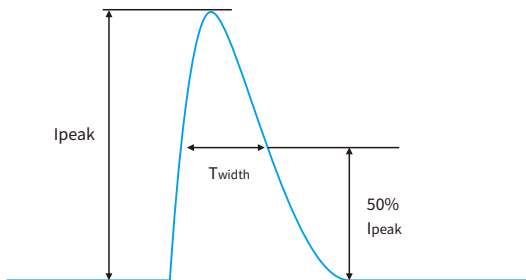


- The life-time of the LED driver is shown in the figure above (calculated based on the 90% survival rate).
- The relation of tc to ta temperature depends also on the luminaire design.

Surge

Model	Ipeak	Twidth	Condition	Relative number of MCB/pcs														
				B10	B13	B16	B20	B25	C10	C13	C16	C20	C25	D10	D13	D16	D20	D25
BK-DGV036	16.25A	260us	AC 230V,Full load, Cold start,Ta≤30°C, MCB is not installed side by side	14	18	23	28	36	24	31	38	47	59	38	50	61	76	95
BK-DGV060	34A	260us		7	9	11	14	17	11	15	18	23	28	23	29	36	45	57
BK-DGV100	46.38A	278us		4	6	7	9	11	7	9	12	14	18	14	19	23	29	36
BK-DGV150	50A	468us		2	3	4	5	6	4	5	6	8	9	8	10	12	15	19
BK-DGV200	47A	590us		2	3	3	4	5	3	4	5	7	8	7	9	11	13	17

Remarks



- The number of drives mounted under different MCBs in the table is the maximum value. Please do not exceed this number during installation.
- Calculation uses typical values from ABB series S200 as a reference.
- Different brands and models of miniature circuit breakers, the number of drives mounted will be slightly different.
- If the ambient temperature of the MCB installation exceeds 30°C or multiple MCBs are installed side by side, the number of drives mounted will be reduced and the calculation needs to be recalculated.
- Electrician's usually consider Type B for household lighting and Type C for commercial lighting application.

Functions

Output short-circuit protection

- When the output of the driver is short-circuited, the driver will enter the protection state, disconnect the AC for more than 1 minute, and the output will return to normal.

Output no-load protection

- When there is no load on the driver, the driver will enter a hiccup state. After the load is connected, the output will return to normal.

Output overload protection

- When the load connected to the drive exceeds the rated power, the drive will enter a hiccup state. After reducing the load power, the drive will resume normal output.

Label

DGV036

INPUT ACL ACN DA DA  	E&K Dimmable Constant Voltage LED Driver MODEL: BK-DGV036-24V0D INPUT: 200-240V ~ 0.25A Max. 50/60Hz H: 0.95 OUTPUT: 24V ~ 1.5A 36W Max. For LED modules use only www.bokedriver.com MADE IN CHINA	                                                         
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INPUT ☐ ACL ☐ ACN ☐ DA ☐ DA ☐ DA ☐ DA 	●●KE Dimmable Constant Voltage LED Driver MODEL: BK-DGV036-48V0D INPUT: 200-240V ~ 0.25A Max. 50/60Hz: X: 95 OUTPUT: 48V ~ 0.75A 36W Max. For LED modules use only www.bokedriver.com MADE IN CHINA	 OUTPUT ☐ V+ ☐ V- ☐ VCC1 ☐ GND ☐ VCC2 ☐ GND ☐ DIM+ ☐ DIM-
---	---	---

DGV060

INPUT

- ☐ ACL
- ☐ ACN
- ☐ DA
- ☐ DA
- ☐ DA
- ☐ DA

PWR wire prep.
 0.15" (3.8mm)

BOKE Dimmable Constant Voltage LED Driver

MODEL: BK-DGV060-24V0D

INPUT: 200-240V ~ 0.35A Max. 50/60Hz λ : 0.95

OUTPUT: 24V ~ 2.5A 60W Max.

For LED modules use only

www.bokedriver.com

MADE IN CHINA

BOKE Drivers Co., Ltd.

Address: 2nd and 3rd Floor, No.51, Xihuan Shi Road, South District,
528455 Zhongshan City, Guangdong, CHINA

OUTPUT

SEC wire prep.
 0.75" (1.9mm)

1.2W MAX.
 SEC wire prep.
 0.5" (1.3mm)

INPUT		E•KE Dimmable Constant Voltage LED Driver MODEL:BK-DGV060-48V0D			OUTPUT
ACL	pushButton	INPUT: 200-240V ~ 0.35A Max. 50/60Hz λ: 0.95 OUTPUT: 48V ± 1.2A 57.6W Max. For LED modules use only www.bokedriver.com MADE IN CHINA	BOKE Drivers Co., Ltd. Address: 2nd and 3rd Floor, No.51, Xihuan 5th Road, South District, 528455 Zhongshan City, Guangdong, CHINA	V+	
ACN				V-	
DA				VCC	
PRI wire prep. 0.75~1.5mm ²		t: 90°C ta: 60°C		GND	
SEC wire prep. 0.75~1.5mm ²		Bottom		DIM +	
				DIM -	

Label

DGV100

INPUT

- ACL
- ACN
- DA
- DA
- DA

push(DH) L N PE DALI

PRI wire prep: 0.75-1.0mm²

SEC wire prep: 0.5-0.75mm²

BOKE Dimmable Constant Voltage LED Driver
MODEL: BK-DGV100-24V0D

INPUT: 200-240V ~ 0.65A Max. 50/60Hz λ: 0.95
 OUTPUT: 24V ~ 4.2A 100W Max.

For LED modules use only
 www.bokedriver.com
 MADE IN CHINA

tc: 95°C
 ta: 60°C •tc

BOKE Drivers Co., Ltd.
 Address: 2nd and 3rd Floor, No. 51, Xihuan 5th Road, South District, 528455 Zhongshan City, Guangdong, CHINA

CERTIFICATIONS: CE, UKCA, SELV, Flicker Free, RoHS, and others.

OUTPUT

- V+
- V-
- VCC
- GND
- DIM+
- DIM-

SEC wire prep: 0.75-1.0mm²

VCC-12V
 VCC-24V Max
 SEC wire prep: 0.5-0.75mm²

INPUT ☐ ACL ☐ ACN ☐ DA ☐ DA ☐ DA ☐ DA ☐ DA ☐ DA 	 PBI wire prep. 0.75-1.3mm² 0.5-1.0mm² 0.5-1.0mm² 	BOKE Dimmable Constant Voltage LED Driver MODEL: BK-DGV100-48V0D INPUT: 200-240V ~ 0.65A Max. 50/60Hz λ: 0.95 OUTPUT: 48V ~ 2.09A 100W Max. For LED modules use only www.bokedriver.com MADE IN CHINA	tc: 95°C ta: 60°C •tc		BOKE Drivers Co., Ltd. Address: 2nd and 3rd Floor, No. 51, Xihuan 5th Road, South District, 528455 Zhongshan City, Guangdong, CHINA	OUTPUT SEC wire prep. 0.75-2.0mm² VCC12V 1.2W Max. SEC wire prep. 0.5-1.0mm² 0.5-1.0mm²	V+ V- GND VCC DIM+ DIM-
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DGV150

INPUT

- ☐ ACL
- ☐ ACN
- ☐ DA
- ☐ DA
- ☐ P8I wire prep. 0.75-1.5mm²
- ☐ DA
- ☐ P8I wire prep. 0.75-1.5mm²

push DIM+ L DA DA- DALI

8-9mm

BOKE Dimmable Constant Voltage LED Driver

MODEL: BK-DGV150-24V0D

INPUT: 200-240V ~ 1A Max. 50/60Hz λ: 0.95

OUTPUT: 24V --- 6.25A 150W Max.

For LED modules use only

www.bokedriver.com

MADE IN CHINA

• tc
tc:90°C
ta:60°C

BOKE Drivers Co.,Ltd.

Address: 2nd and 3rd Floor, No.51, Xihuan 5th Road, South District, 528455 Zhongshan City, Guangdong, CHINA



OUTPUT

SEC wire prep. 1.5-2.0mm²

V+ ☐

V- ☐

VCC: 12V 1.2W Max.

VCC wire prep. 0.5-1.0mm²

GND ☐

DIM ☐

8-9mm

INPUT ☐ ACL ☐ ACN ☐ DA ☐ DA ☐		BOKE Dimmable Constant Voltage LED Driver MODEL: BK-DGV150-48V0D INPUT: 200-240V ~ 1A Max. 50/60Hz λ : 0.95 OUTPUT: 48V $\pm$ 3.12A 150W Max. For LED modules use only www.bokedriver.com MADE IN CHINA	• tc tc:90°C ta:60°C	 	 	 		OUTPUT ☐ V+ ☐ V- ☐ VCC ☐ VCC ☐ GND ☐ DIM
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DGV200

INPUT

☐ ACL

☐ ACN

☐ DA

☐ DA

☐ ⊕

pushDimmer

! 90 wire prep: 0.75-1.5mm

BOKE Dimmable Constant Voltage LED Driver

MODEL: BK-DGV200-24V0D

INPUT: 200-240V ~ 1.1A Max. 50/60Hz λ: 0.95

OUTPUT: 24V ~ 8.3A 199.2W Max.

For LED modules use only

www.bokedriver.com

BOKE Drivers Co., Ltd.

Address: 2nd and 3rd Floor, No.51, Xihuan 5th Road,
South District, 528455 Zhongshan City, Guangdong, CHINA

MADE IN CHINA

OUTPUT

☐ V+ ⊕

☐ V- ⊖

90C wire prep: 0.5-1.5mm

☐ VCC ⊕

☐ GND ⊖

☐ DIM ⊕

90C wire prep: 0.5-1.5mm

tc: 90°C
ta: 60°C
tc

Laser engraving technology

INPUT		OUTPUT
☐ ACL	 E•KE Dimmable Constant Voltage LED Driver MODEL:BK-DGV200-48V0D INPUT: 200~240V ~ 1.1A Max. 50/60Hz λ: 0.95 OUTPUT: 48V ≡ 4.15A 199.2W Max. For LED modules use only www.bokedriver.com BOKE Drivers Co.,Ltd. Address:2nd and 3rd Floor, No.51, Xihuan 5th Road, South District, 528455 Zhongshan City, Guangdong, CHINA MADE IN CHINA	☐ V+ ○
☐ ACN		☐ V- ○
☐ DA		SAC wire group: 0.5-1.5mm² ☐ VCC ○
☐ DA		☐ GND ○
☐ ⊕		SAC wire group: 0.5-1.0mm² ☐ DIM ○

pushDIM+ pushDIM- DALI

PWM wire group:
0.75-1.5mm²

SAC wire group:
0.5-1.5mm²

SAC wire group:
0.5-1.0mm²

Laser engraving technology

INPUT

☐ ACL

☐ ACN

☐ DA

☐ DA

☐ $\oplus$

push DIMMER DALI

700 wire group
0.75-1.5mm²

BOKE Dimmable Constant Voltage LED Driver

MODEL: BK-DGV200-24V0D

INPUT: 200-240V ~ 1.1A Max. 50/60Hz λ : 0.95

OUTPUT: 24V $\equiv$ 8.3A 199.2W Max.

For LED modules use only

www.bokedriver.com

BOKE Drivers Co., Ltd.

Address: 2nd and 3rd Floor, No.51, Xihuan 5th Road,
South District, 528455 Zhongshan City, Guangdong, CHINA

MADE IN CHINA

OUTPUT

☐ V+

☐ V+

☐ V-

☐ V-

300 wire group
0.2-1.0mm²

VCC

GND

DIM

300 wire group
0.2-1.0mm²

WALL PUSH

CE

UK

tc: 90°C
ta: 60°C
tc

SELV

RoHS

VCC

GND

DIM

300 wire group
0.2-1.0mm²

Laser engraving technology

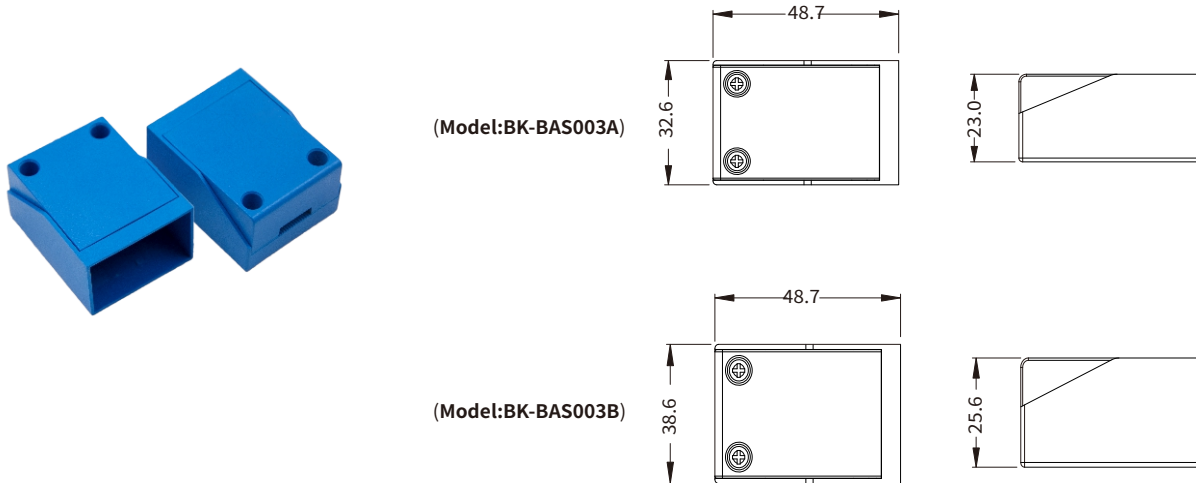
INPUT	BOKE Dimmable Constant Voltage LED Driver MODEL:BK-DGV200-48V0D	OUTPUT
☐ ACL ☐ ACN ☐ DA ☐ DA ☐ ⊕  	INPUT: 200-240V ~ 1.1A Max. 50/60Hz λ: 0.95 OUTPUT: 48V ±4.15A 199.2W Max. For LED modules use only www.bokedriver.com BOKE Drivers Co.,Ltd. Address:2nd and 3rd Floor, No.51, Xihuan 5th Road, South District, 528455 Zhongshan City, Guangdong, CHINA MADE IN CHINA         tc:90°C ta:60°C tc	☐ V+ ☐ V+ ☐ V- ☐ V-  VCC O GND O DIM O

Laser engraving technology

Insulation between circuits

Isolation	Input	Output	Case	DALI	PUSH	PWM	VCC
Input	-	Double	Basic	Basic	-	Double	Double
Output	Double	-	Basic	Basic	Double	-	-
Case	Basic	Basic	-	Basic	Basic	Basic	Basic

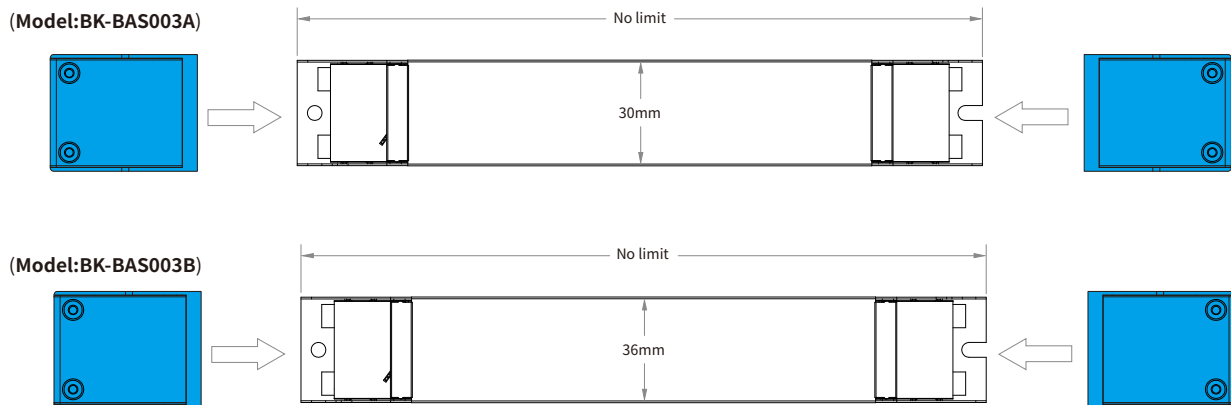
Optional accessories



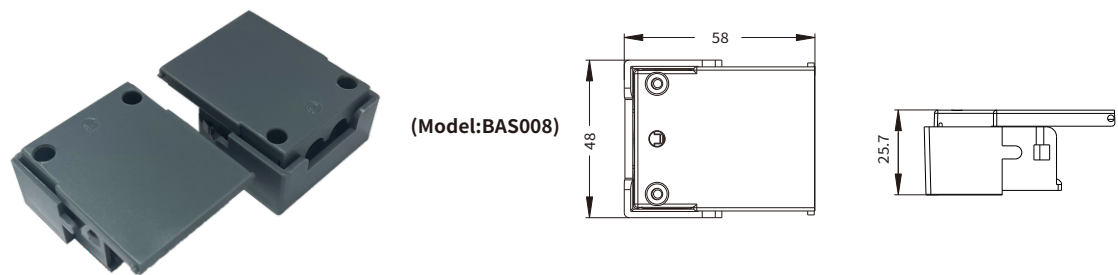
Remark: BK-BAS003A apply to DGV036/DGV060/DGV100
BK-BAS003B apply to DGV150

Unit:mm

Installation diagram of accessories



Optional accessories

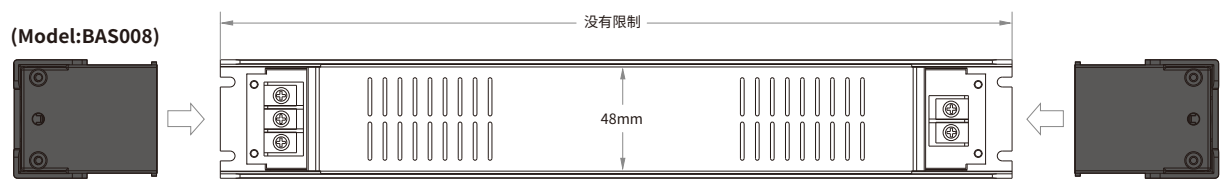


(Model: BAS008)

Remark: BAS008 apply to DGV200

Unit:mm

Installation diagram of accessories



(Model: BAS008)

Optional accessories

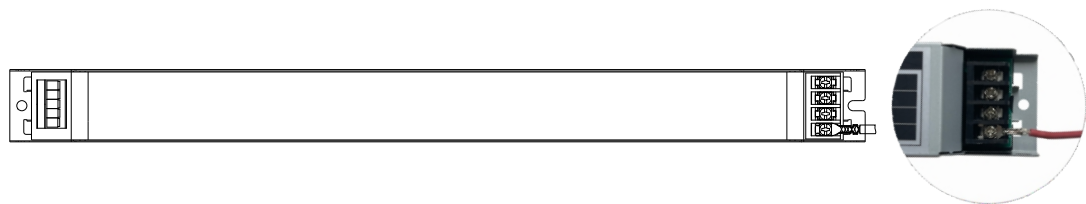
Unit:mm



Recommended size

Number	Bolt hole diameter(D)	Model
1	5mm	DGV150(2PIN)/DGV200(4PIN)
2	6mm	DGV150(2PIN)
3	7.2mm	DGV200(2PIN)

Installation diagram of accessories



DALI dimming application

Wiring diagram



Switch to the DALI dimming mode

- After installation according to the wiring diagram of DALI dimming application, the driver will automatically switch to the DALI control mode after receiving any DALI command.

Remarks:

- Standard DALI control line voltage range: 9.5V to 22.5V, type 16V.
- The two DALI control lines polarity-reversible.
- Max. 64 DALI drivers per DALI control line.
- The maximum distance length of the DALI control line is 300m at $2 \times 1.5\text{mm}^2$.
- DALI bus can be wired together with any mains voltage cables, but separate wiring is recommended.
- The configuration parameters of the driver can be set through the DALI configuration tool or DALI application controller during installation, such as setting device address, group address, power-on level, bus-failure level, scene level, fade time, dimming curve, etc.

Please refer to the table below

Cable size	Distance
$2 \times 0.50\text{mm}^2$	max.100m
$2 \times 0.75\text{mm}^2$	max.150m
$2 \times 1.00\text{mm}^2$	max.200m
$\geq 2 \times 1.50\text{mm}^2$	max.300m

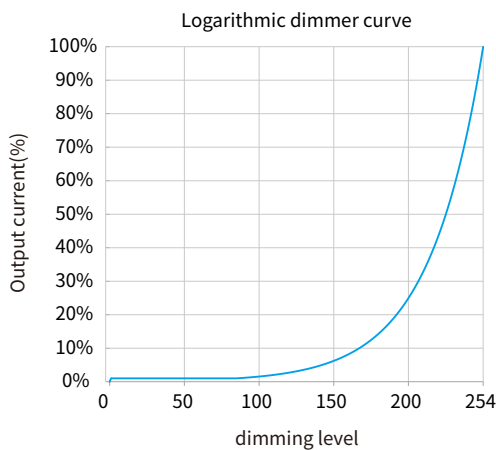
Power-on level :

When the driver is in DALI-2 dimming mode, the factory default level after each power-on is the brightest.

The power-on level can be set through the DALI configuration tool or DALI application controller during installation, and can be set to memory or fixed any brightness (such as off, darkest, 50%, etc.).

Note: The recommended setting for the default factory power-on level of the DALI-2 driver is the brightest in the DALI-2 standard.

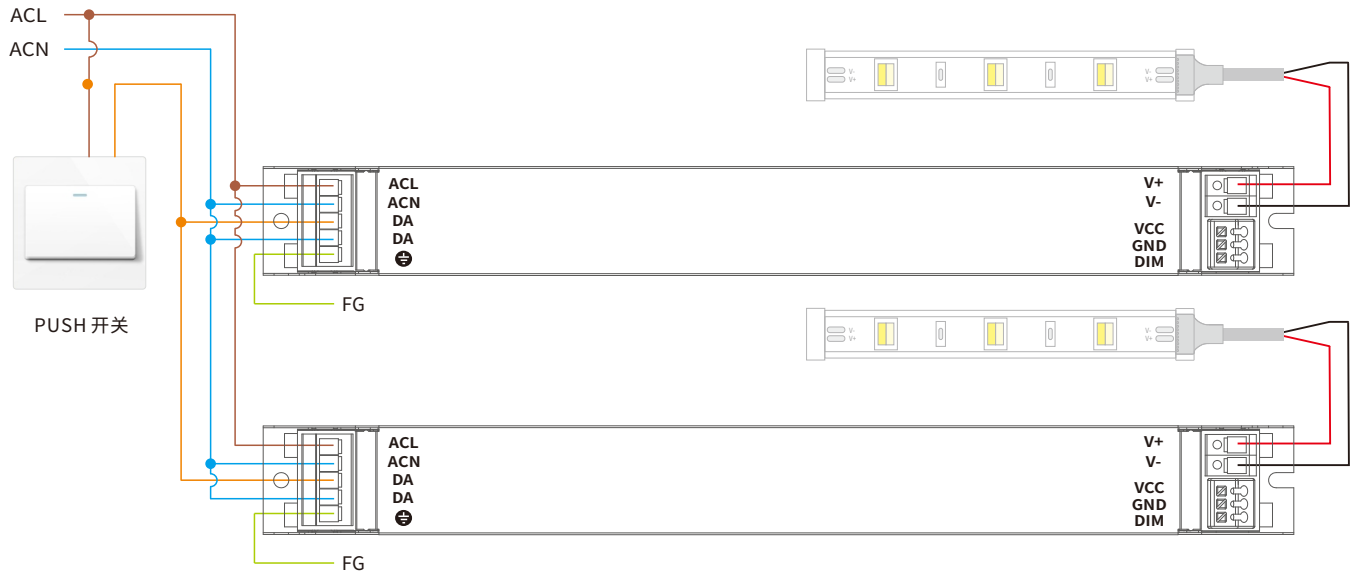
Dimming curve



Remarks: The dimming curve can be selected by DALI configuration. The default is logarithmic dimming curve.

pushDIM dimming application

Wiring diagram



Switch to the pushDIM dimming mode

After installation according to the wiring diagram of pushDIM dimming application, long press the pushbutton 3 times ,then the driver will automatically switch to the pushDIM dimming mode.

Remarks:

Max. 50 drivers per pushDIM control line.

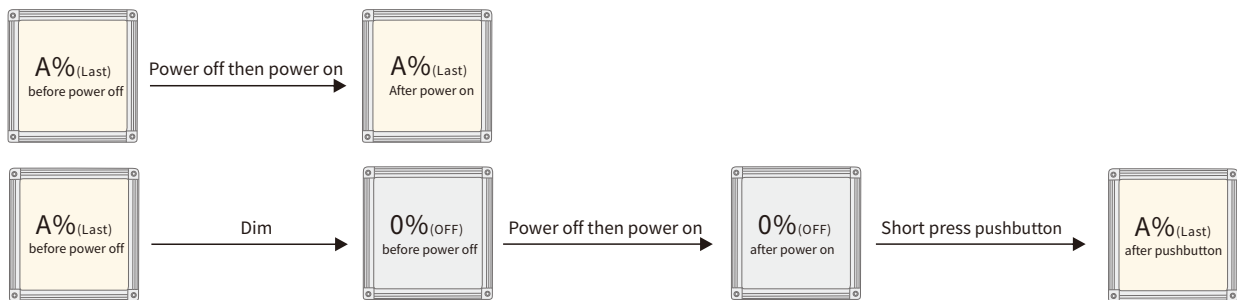
Turn on or turn off:short press pushbutton for 0.2-1s.

Dimming: long press pushbutton for 1-5s.

Power on status: after power on,the light state will be the same as the lighting on state.

If the light is on before power on,the light will be on after power on again,brightness will be the same as the last lighting on brightness.

If the light is off before power off,the light will be off after power on again,short press the pushbutton,then the light will be on,the brightness will be the same as the last brightness.



Multiple lights synchronize control operation

method 1:

Step 1:long press the pushbutton,confirm each light is on.

Step 2:short press the pushbutton,confirm each light is off.

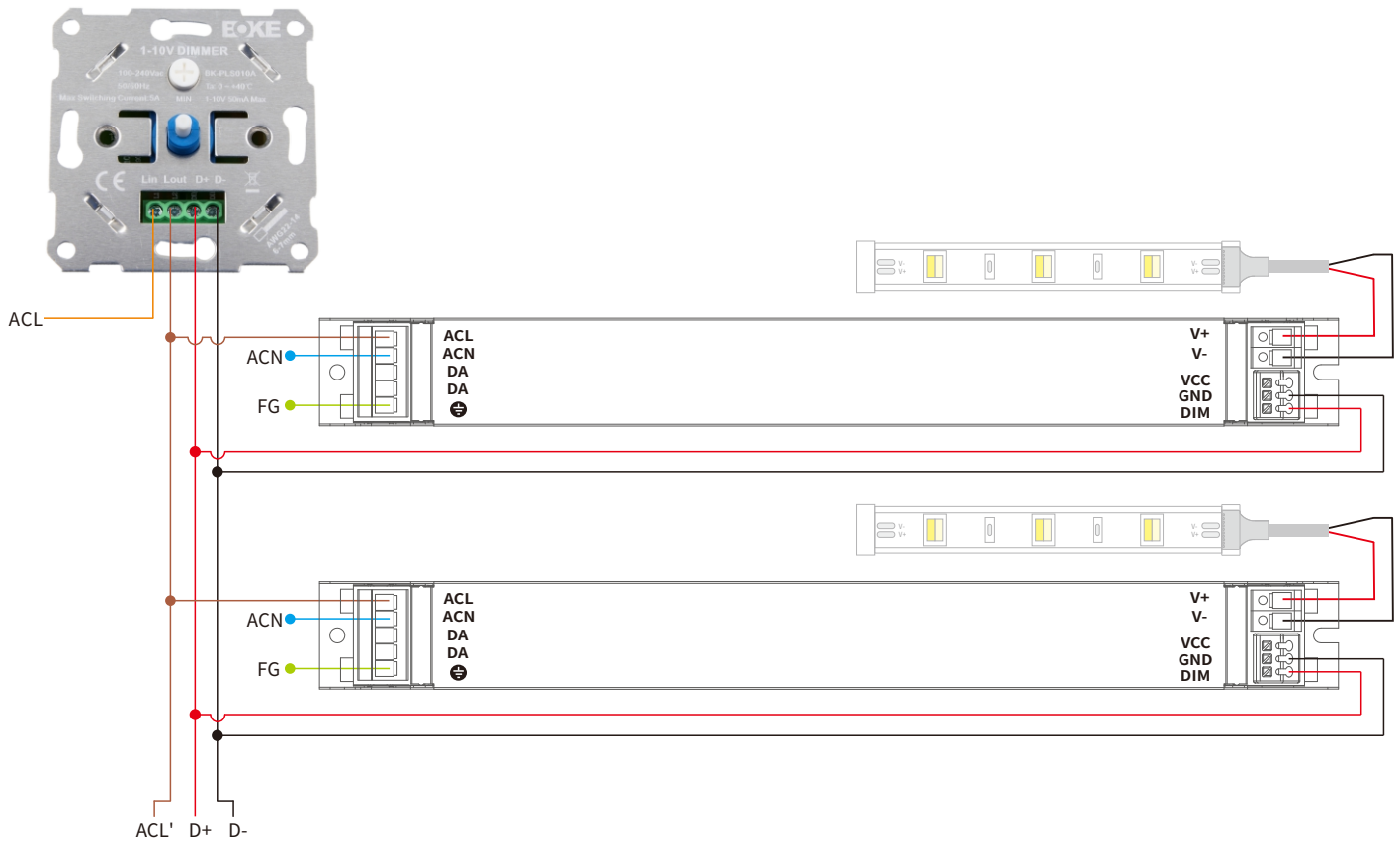
Step 3:long press the pushbutton,confirm each light is from darkest to brightest and all the lights are synchronous.

method 2:

- Long press the pushbutton 15s,all lights output to the brightest state.

1-10V/10V PWM dimming application

Wiring diagram



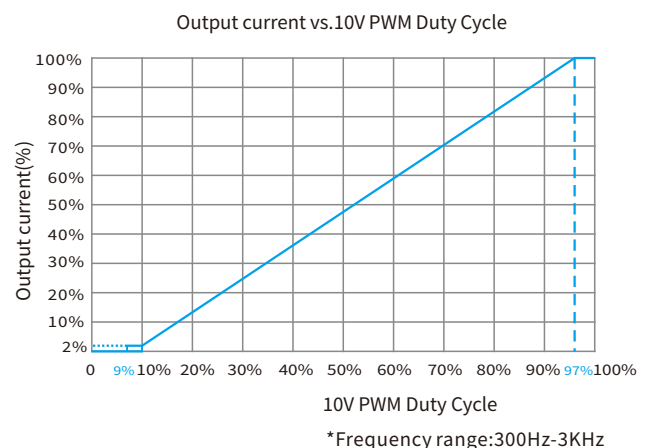
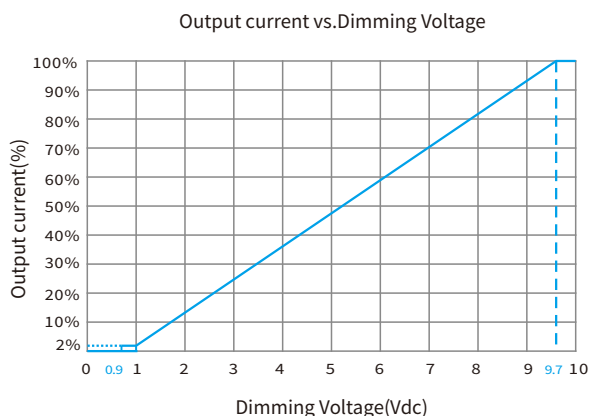
Switch to the 1-10V / 10V PWM dimming mode

- Method 1: After installation according to the wiring diagram of the 1-10V / 10V PWM dimming application, adjust the dimmer to the minimum and then to the maximum, the driver will automatically activate the 1-10V control mode.
- Method 2: Short-circuit the DIM+ and DIM- ports for 2s, the driver will automatically activate the 1-10V control mode.

Remarks

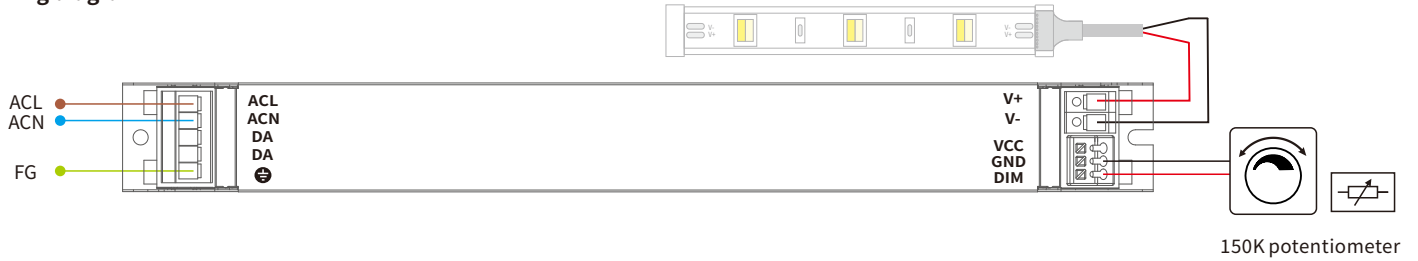
- Dimming interface characteristics: 0.9V and below are closed, 1V is the darkest, 10V is the brightest, 1-10V is the dimming range.
- The dimming interface distinguishes between positive and negative, DIM+ is positive, DIM- is negative, please do not reverse.
- Dimming interface does not support voltage access higher than 15V, otherwise it will cause damage to the internal components.
- When the dimming interface is open, the driver outputs the maximum current. When the interface is short-circuited, the current output is closed.
- When multiple synchronous dimming is required, the positive poles of the dimming interface of each driver are connected together, and the negative poles are connected together.
- Support passive dimmer or isolated active dimmer dimming, does not support non-isolated active dimmer dimming.
- In general, it is recommended that the number of mounted drives does not exceed 30pcs, and the wiring length does not exceed 100m.
- It is recommended that the dimming wires should not be lower than the 22AWG wire.
- Do not put the dimming wires with high voltage or interference sources. If it is unavoidable, please use the shielded wires.
- If you need a drive with 0-10V dimming characteristics, please contact BOKE.

Dimming curve



150K potentiometer dimming application

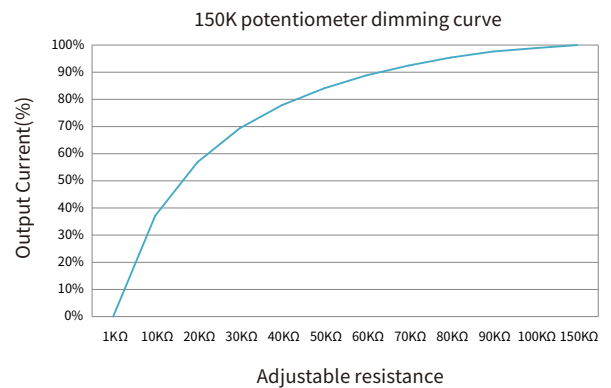
Wiring diagram



Remarks

- In the 150K potentiometer dimming mode, the potentiometer can only be connected to one driver.

Dimming curve



1-10V/10V PWM+12V dimming application

Wiring diagram



Electrical description

VCC: +12VDC $\pm 5\%$, 100mA MAX

PDIM: Voltage: 3.3-10V

Frequency range: 300Hz-3kHz

Phase position: positive logic

Duty cycle: 0%(OFF), 10%(darkest)~100%(brightest)

Typical applications

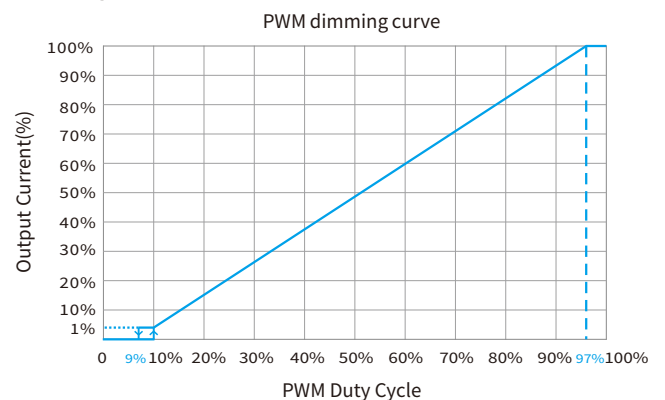
Aux supply 12V

Diming PWM

GND

Bluetooth module
Zigbee module
WiFi module
LoRa module
4G/5G module
NB-IoT module
Daylight Sensor
PIR Sensor
Microwave Sensor
IR Sensor
RF module
.....

Dimming curve

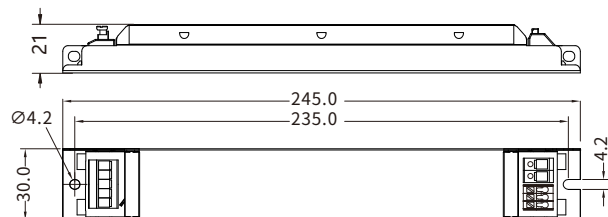


Mechanical Specification

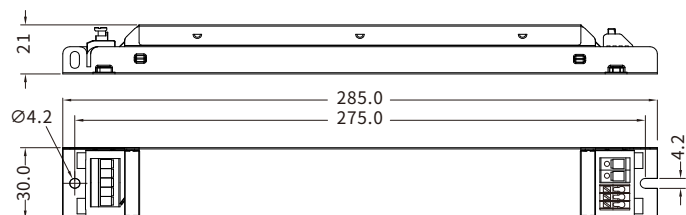
Size(Excluding accessories)

Unit:mm

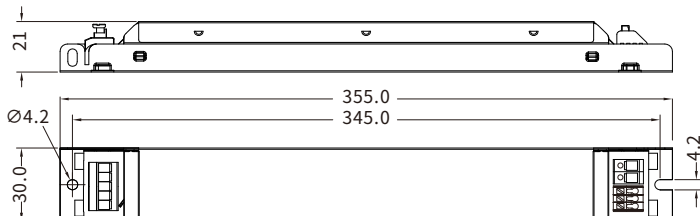
DGV036



DGV060



DGV100



INPUT

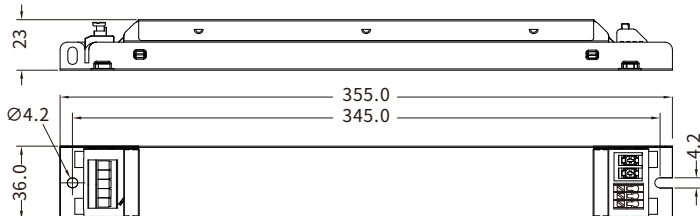
Numbering	function	colour
1	ACL	orange
2	ACN	orange
3	DA	gray
4	DA	gray
5	FG	gray

Input wire

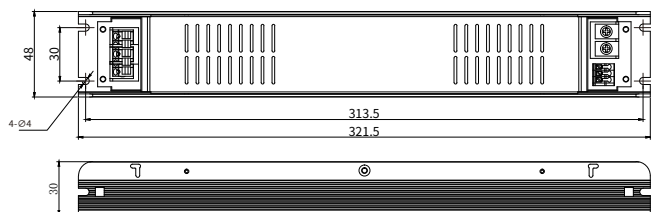
0.75-1.5mm²



DGV150



DGV200

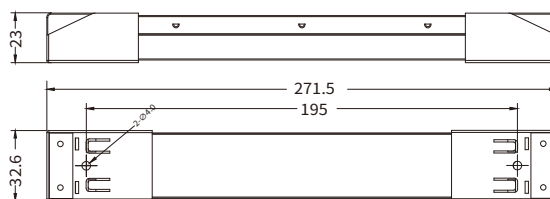


Mechanical Specification

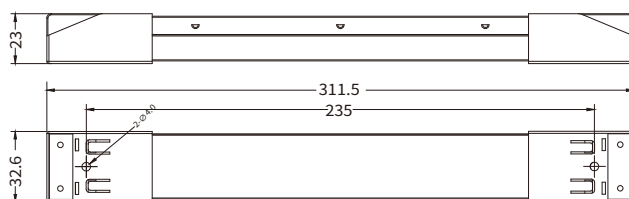
Size(Include accessories)

Unit:mm

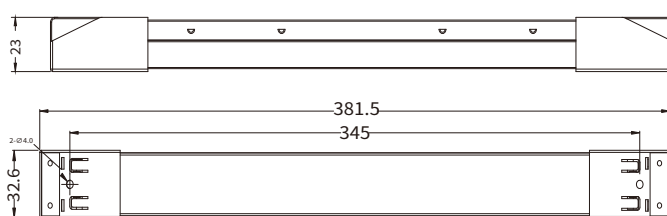
DGV036



DGV060



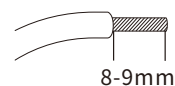
DGV100



OUTPUT

Numbering	function	colour
1	V+	red
2	V-	black

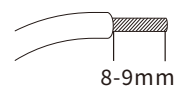
Output wire
0.75-2.5mm²



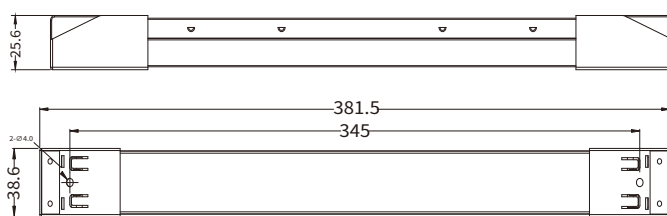
DIMMING

Numbering	function	colour
1	VCC	red
2	GND	black
3	DIM	red

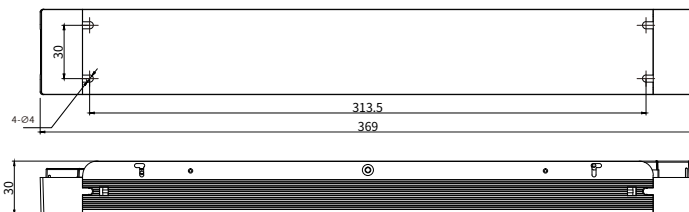
Dimming wire
0.5-1.0mm²



DGV150



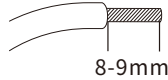
DGV200



INPUT

Numbering	function	colour
1	ACL	orange
2	ACN	orange
3	DA	gray
4	DA	gray
5	FG	gray

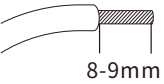
Input wire
0.75-1.5mm²
8-9mm



OUTPUT

Numbering	function
1	V+
2	V-

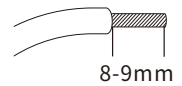
Output wire
1.5-2.0mm²
1.5-2.5mm²
8-9mm



DIMMING

Numbering	function	colour
1	VCC	red
2	GND	black
3	DIM	red

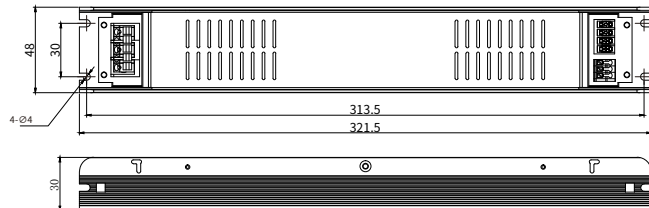
Dimming wire
0.5-1.0mm²
8-9mm



Size(Excluding accessories)

Unit:mm

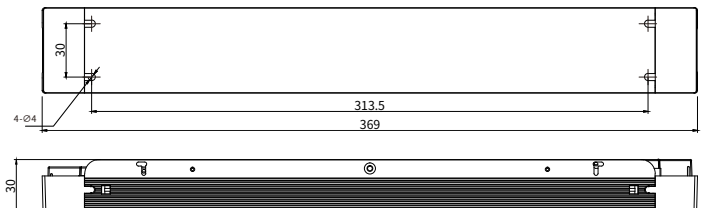
DGV200



Size(Include accessories)

Unit:mm

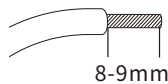
DGV200



INPUT

Numbering	function	colour
1	ACL	orange
2	ACN	orange
3	DA	gray
4	DA	gray
5	FG	gray

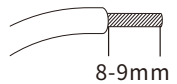
Input wire
0.75-1.5mm²
8-9mm



OUTPUT

Numbering	function
1	V+
2	V+
3	V-
4	V-

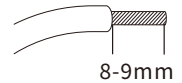
Output wire
1.5-2.5mm²
8-9mm



DIMMING

Numbering	function	colour
1	VCC	red
2	GND	black
3	DIM	red

Dimming wire
0.5-1.0mm²
8-9mm



Installation note

Hot plug-in

- Hot plug-in is not supported due to residual output voltage of > 0 V.

Wiring guidelines

- All connections must be kept as short as possible to ensure good EMI behaviour.
- Mains leads should be kept apart from LED Driver and other leads (ideally 5 – 10 cm distance)
- Max. length of output wires is 2 m.
- Incorrect wiring can damage LED modules.

Installation requirements

- The driver should be installed in a dry, acid-free, oil-free, fat-free environment.
- The installation ambient temperature of the drive shall not exceed the value of Ta at any time.
- The temperature of the mounting surface of the driver should be lower than 40°C
- The driver should keep a certain distance from the heating stuff (such as the luminaire radiator).
- If the driver is used externally (it needs to be used with the accessories), the installation of the driver should also meet the following conditions:
 - 1.The driver should be a certain distance between the drivers, as shown in Figure 1.
 - 2.The driver keeps a certain distance from surrounding objects, as shown in Figure 2.

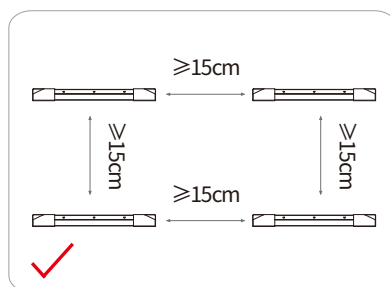
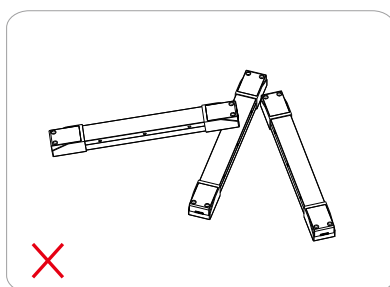


Figure 1

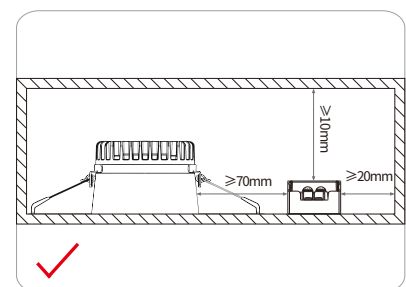


Figure 2

Mounting screw specifications and torque

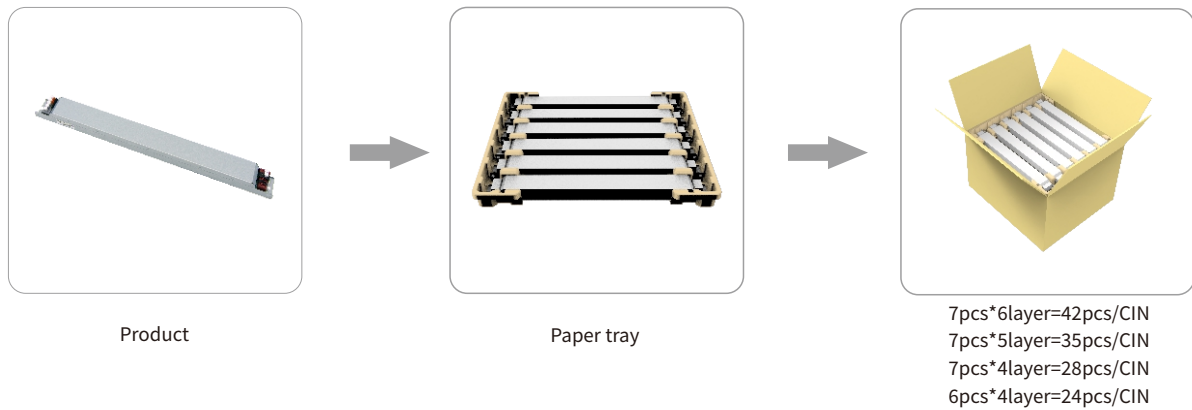
- Max. torque at the clamping screw: 0.5 Nm / M4

Replace LED module

1. Mains off
2. Remove LED module
3. Wait for 5 seconds
4. Connect LED module again

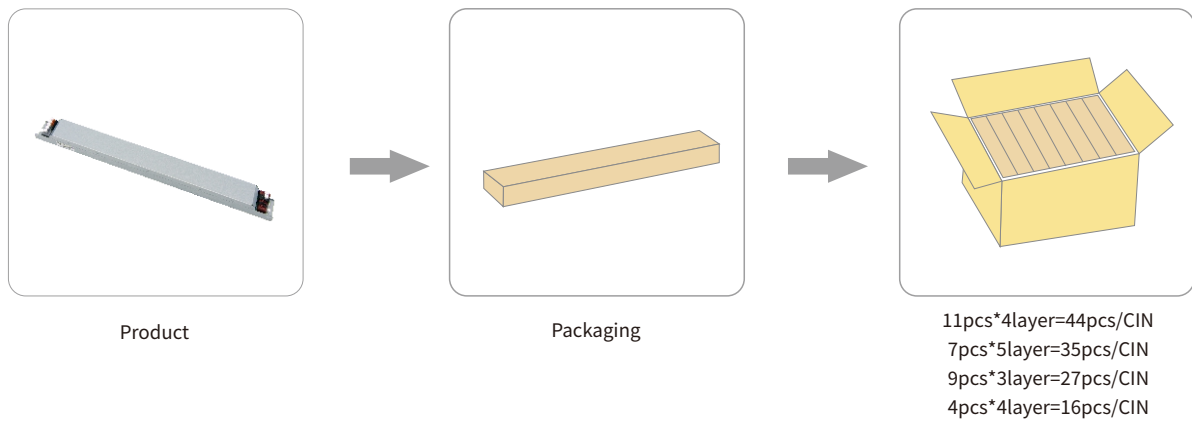
Packaging

Optional 1: factory default



Model	Product size	Weight	Paper tray	Carton size	Qty/carton	N.W	G.W
DGV036	L245*W30*H21mm	168g	L340*W75*H29mm	L355*W285*H205mm	42pcs	7.06KG	8.66KG
DGV060	L285*W30*H21mm	248g	L340*W75*H29mm	L355*W325*H170mm	35pcs	6.95KG	8.10KG
DGV100	L355*W30*H21mm	307g	L340*W75*H29mm	L395*W355*H140mm	28pcs	8.60KG	9.75KG
DGV150	L355*W36*H23mm	415g	L340*W75*H33mm	L395*W355*H160mm	24pcs	9.96KG	11.2KG

Optional 2:



Model	Product size	Weight	Packaging size	Carton size	Qty/carton	N.W	G.W
DGV036	L245*W30*H21mm	168g	L280*W40*H30mm	L345*W300*H175mm	44pcs	7.39kg	8.89g
DGV060	L285*W30*H21mm	248g	L320*W40*H30mm	L345*W300*H175mm	35pcs	8.68kg	10.5g
DGV100	L355*W30*H21mm	307g	L390*W40*H30mm	L410*W285*H155mm	27pcs	8.29kg	10.2kg
DGV150	L355*W33*H23mm	415g	L390*W43*H30mm	L410*W285*H155mm	27pcs	11.21kg	13.3kg
DGV200	L321.5*W48*H30mm	489g	L380*W54*H37mm	L400*W240*H165mm	16pcs	7.82kg	9.12kg

Additional information

1. The life and MTBF of the product are for reference only, and do not represent a warranty statement.
2. For more information, please send an email to info@bokedriver.com.