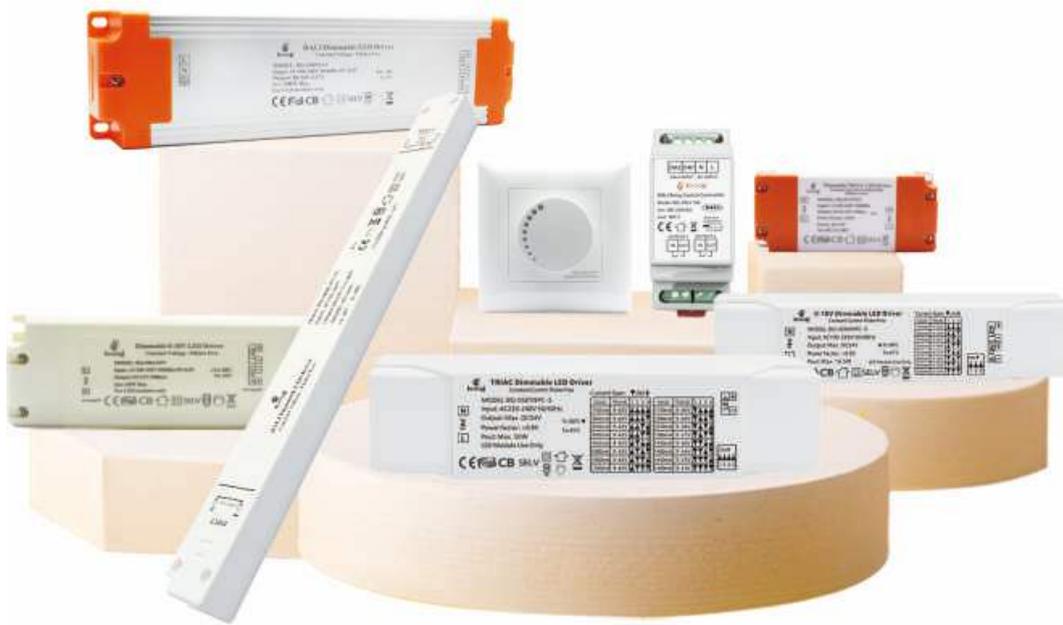




LED DRIVERS & DIMMERS



- TRIAC
- 0-10V
- DALI



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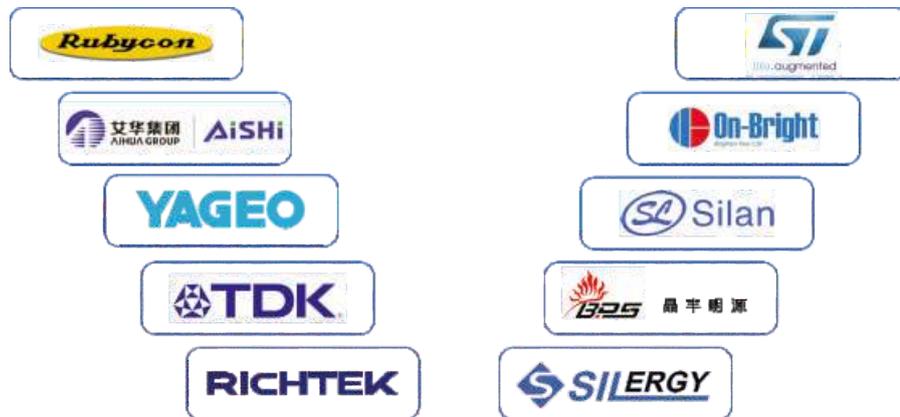
Company Profile

Shenzhen Boxinqi Technology Co., Ltd is founded in 2007. We are specialized in the research and development of Lighting Control systems. We insist to use the highest quality parts and strict quality control techniques to ensure the reliability and long life of our products; we take pride in designing each product with the goal of providing the best lighting-controlling performance possible applications and customers' requirements in its price range. We develop and grow our line of LED drivers based on the field.

boqi is the brand of Boxinqi Ltd.

boqi is dedicated to producing a variety of LED Drivers and LED controlling options, including Dimmable LED drivers like DALI drivers, TRIAC LED Drivers, 0-10V LED drivers and ON/OFF LED Drivers, RF systems, DMX512 systems, AC TRIAC systems, 0/1-10V dimmers, power repeaters, WiFi Controller, Converters, etc. Our products are compatible with systems of Lutron, Philips, Osram, Dynalite, Schneider, ABB, Leviton, JUNG, Berker, etc. With customers all over the world, we actively explore new ideas in architectural, residential, commercial, and industrial lighting control.

In the future, Boxinqi will make more significant investments for being able to offer products, which are with more advanced technology, higher performance, reliability, and a variety of selections for LED applications. With our outstanding design, R&D team, and support from our own factory, there are more and more models to be your selections.



Fully Certified Quality Assurance

5 YEARS WARRANTY



In the process of R&D and manufacturing, boqi apply advanced science technology, rigorous manufacturing skills and perfect quality management system, we obtained TUV, CE, RoHs, CB, SAA, etc authoritative quality system certificates and product certificates. We always attach importance to the quality control of our products, and regard quality as the lifeline of the company. Over the past period, we have been consistently providing customers with industry-leading quality, stable and reliable products, and striding forward to a zero-defect quality target. 100% of boqi products have undergone strict quality inspection, and the product is guaranteed for 5 years.

CERTIFICATES



LED Dimmer Series

TRIAC 0-10V DALI





■ Dimmer Series

Phase-Cut Dimmers

Feature

- Leading Edge and Trailing Edge LED Dimmers
- Multiple protection
- CE, EMC, LVD, RoHS
- Built-in high performance MCU
- Achieve 256 levels of 0~100% smooth and precise dimming
- 5 Years Warranty



BQ-TTDIM

Trailing Edge TRIAC Dimmer



BQ-TTLDIM

Leading and Trailing Edge Dimmer



BQ-TTLDIM-UT

Leading and Trailing Edge Dimmer
(Universal Type)

Model	Dimming Mode	Output Power	Input Voltage	Output Current	Size(L*W*H)
BQ-TTDIM	Phase-Cut Trailing Edge	150-300W	200-240VAC 50/60Hz	Max. 1.25A	86*86*48 mm
BQ-TTLDIM	Phase-Cut Leading and Trailing Edge	150-300W	100-240VAC 50/60Hz	Max. 1.25A	86*86*48 mm
BQ-TTLDIM-UT	Phase-Cut Leading and Trailing Edge	150-300W	100-240VAC 50/60Hz	Max. 1.25A	81*81*47 mm

0-10V Dimmers

Feature

- 0-10V Dimming
- Multiple protection
- CE, EMC, LVD, RoHS
- Achieve 256 levels of 0~100% smooth and precise dimming
- 5 Years Warranty



BQ-PTDIM

0-10V Dimmer

Model	Dimming Mode	Input Voltage	Output Voltage	Output Current	Size(L*W*H)
BQ-PTDIM	0-10V	100-240VAC	100-240VAC	Max. 3.0A	86*86*48 mm



■ DALI Series



DALI Controllers

Feature

- DALI dimming
- Compliant to IEC62386
- Mounting : Din rail or screw
- Multiple protection
- 5 Years Warranty

DALI Dimmer



BQ-DPS
DALI PUSH Switch



BQ-DALI-RR
DALI Repeater
(With Extend Mode)



BQ-DALI-SW
DALI Relay Switch

Model	Output Power	Input Voltage	Input Signal	Output Current	Size(L*W*H)
BQ-DPS		Power Supply: DALI BUS	DALI	≤8mA (static)	48*27*15 mm
BQ-DALI-RR		100-240VAC	DALI DT6/DT8, Push DIM (Extended mode only)	Max. 220mA	92*37*59 mm
BQ-DALI-SW	≤2400W/CH *2 (@230VAC) ≤1300W/CH *2 (@110VAC)	100-240VAC	DALI	Max. 10A	92*37*59 mm

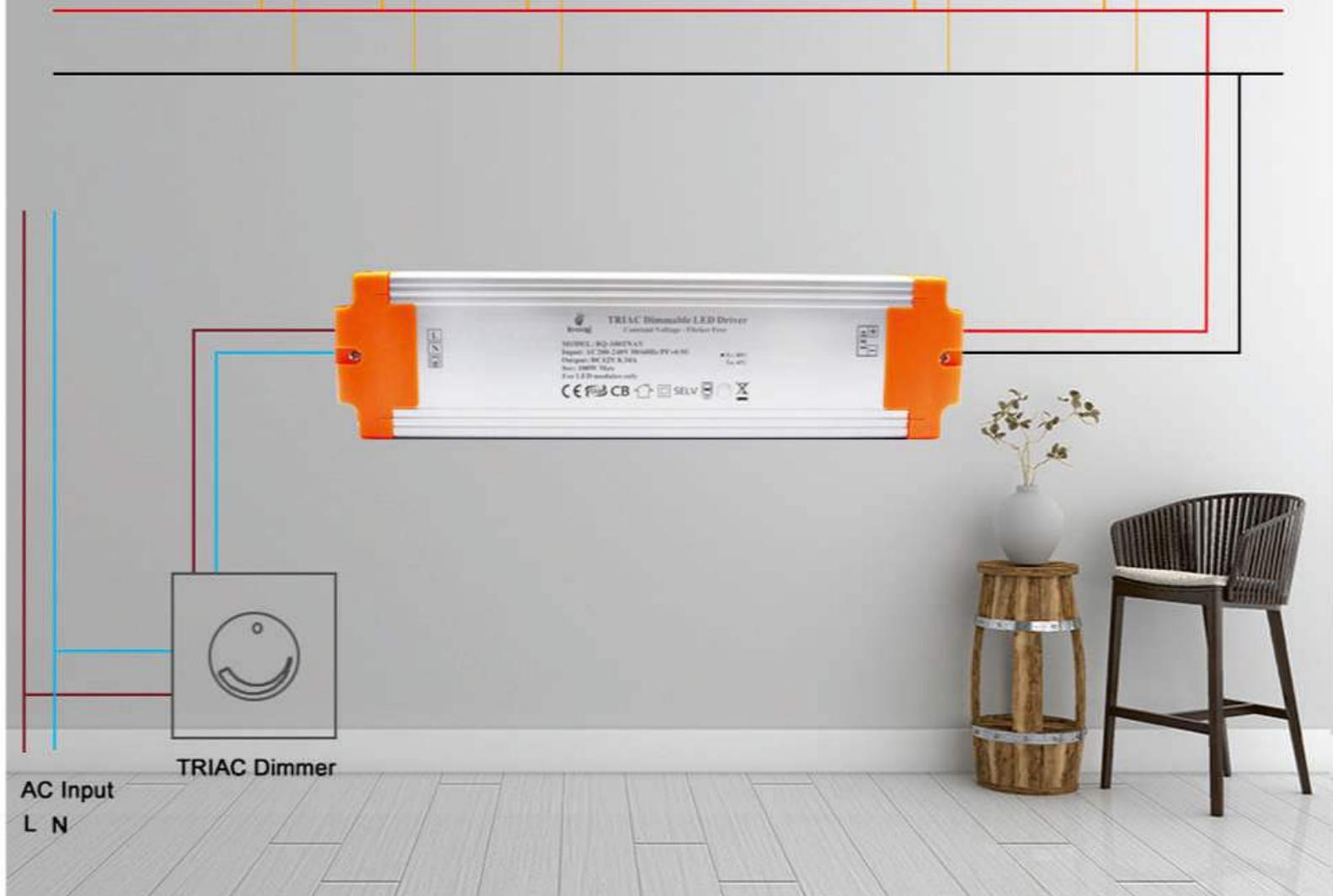
DALI Power Supply



BQ-DALI-BPS

Model	Output Power	Input Voltage	Output Voltage	Output Current	Size(L*W*H)
BQ-DALI-BPS	3.3W	100-240VAC	15Vdc (Max. 17Vdc)	Max. 220mA	92*37*59 mm

TRIAC Series





■ TRIAC Series

TRIAC / Phase Cut Dimmable LED Driver

boqi TRIAC series include Constant Current TRIAC Dimmable LED Drivers with Dip Switch type and Fixed Current type, Super Slim Constant Voltage TRIAC Dimmable LED Drivers 20W to 75W, Constant Voltage TRIAC Dimmable LED Drivers 20W to 75W, and Constant Voltage TRIAC Dimmable LED Drivers 75W to 240W. boqi TRIAC dimmable LED Drivers is built-in high performance MCU, that achieves 0~100% smooth and precise dimming and can compatible with leading edge or trailing edge dimmers.

DIP Switch Constant Current TRIAC / Phase-cut Dimmable LED Driver

Feature

- Output Current Adjustable Via DIP Switch, Various Currents To Select (50mA a step)
- TRIAC / Phase-cut Dimming
- High Power Factor, Flicker Free
- Built-in High-performance MCU
- Certified TUV-CE, CB, SAA, RoHS
- Compatible With Multiple Dimmers And Dimming Systems (e.g. Siemens, Philips, ABB, CHNT, Bull, Honyar, etc.)
- Support Leading Edge And Trailing Edge Dimming
- Smooth Dimming, 0%-100% Dimming Range
- 5 Years Warranty
- Suitable For Class II Light Fixtures



BQ-030TNPC-S



BQ-050TNPC-S

Model	Output Power	Input Voltage	Output Voltage	Output Current(Dip Switch)	Power Efficiency	Power Factor	Size(L*W*H)
BQ-030TNPC-S	5-30W	220-240VAC	9-42VDC	550mA/600mA/650mA/700mA	88%@Full Load	0.95(230VAC)	146*36*25 mm
			9-40VDC	750mA			
			9-37VDC	800mA			
			9-35VDC	850mA			
			9-33VDC	900mA			
BQ-050TNPC-S	7-50W	220-240VAC	9-42VDC	750mA/800mA/850mA/900mA	88%@Full Load	0.95(230VAC)	166*40*28 mm
			9-42VDC	950mA/1000mA/1050mA/1100mA			
			9-40VDC	1150mA/1200mA			
			9-38VDC	1250mA			
			9-37VDC	1300mA			
			9-36VDC	1350mA			
			9-34VDC	1400mA			
			9-33VDC	1450mA/1500mA			



■ TRIAC Series

TRIAC / Phase-cut Dimmable LED Driver

Feature

- TRIAC / Phase-cut Dimming
- High Power Factor, Flicker Free
- Certified TUV-CE, CB, SAA, RoHS
- Compatible With Multiple Dimmers And Dimming Systems (e.g. Siemens, Philips, ABB, CHNT, Bull, Honyar, etc.)
- Suitable For Class II Light Fixtures
- Support Leading Edge And Trailing Edge Dimming
- Smooth Dimming, 0%-100% Dimming Range
- 3 Years Warranty

Constant Current TRIAC / Phase-cut Dimmable LED Driver



BQ-010TNPC



BQ-012TNPC



BQ-015TNPC



BQ-020TNPC



BQ-030TNPC



BQ-050TNPC



BQ-060TNPC

Model	Output Power	Input Voltage	Output Voltage	Output Current	Power Efficiency	Power Factor	Size(L*W*H)
BQ-010TNPC	5-10W	220-240VAC	15-30VDC	150-300mA	80%@Full Load	0.95(230VAC)	88*38*21 mm
BQ-012TNPC	8-12W	220-240VAC	24-42VDC	150-300mA	82%@Full Load	0.95(230VAC)	88*38*21 mm
BQ-015TNPC	10-15W	220-240VAC	36-50VDC 24-42VDC	150-300mA 150-350mA	85%@Full Load	0.95(230VAC)	100*43*21 mm
BQ-020TNPC	12-18W	220-240VAC	36-60VDC 24-42VDC	150-300mA 300-450mA	86%@Full Load	0.95(230VAC)	100*43*21 mm
BQ-030TNPC	15-24W	220-240VAC	50-72VDC 24-42VDC	150-300mA 500-600mA	88%@Full Load	0.95(230VAC)	130*43*21 mm
BQ-050TNPC	24-42W	220-240VAC	50-72VDC 24-42VDC	350-600mA 700-1000mA	88%@Full Load	0.95(230VAC)	140*47*29 mm
BQ-060TNPC	45-63W	220-240VAC	24-42VDC	1050-1500mA	88%@Full Load	0.95(230VAC)	155*53*30 mm



■ TRIAC Series

TRIAC / Phase-cut Dimmable LED Driver

Feature

- TRIAC / Phase-cut dimming
- Built-in high-performance MCU
- High Power Factor, Flicker Free
- Suitable For Class II Light Fixtures
- 5 Years Warranty
- Super Slim Plastic Box
- Power Range: 30W to 150W
- Smooth Dimming, 0%-100% Dimming Range
- Compatible With Leading Edge And Trailing Edge Dimmers

Super Slim Constant Voltage TRIAC / Phase-cut Dimmable LED Driver



BQ-030TNPV-SL

BQ-036TNPV-SL

BQ-060TNPV-SL

BQ-100TNPV-SL

BQ-150TNPV-SL

Model	Output Power	Input Voltage	Output Voltage	Output Current	Power Efficiency	Power Factor	Size(L*W*H)
BQ-030TNPV-SL	30W	220-240VAC	12VDC	2.5A	84%@Full Load	0.95(230VAC)	264*30*18.5 mm
			24VDC	1.25A	83%@Full Load		
BQ-036TNPV-SL	36W	220-240VAC	12VDC	3A	84%@Full Load	0.95(230VAC)	264*30*18.5 mm
			24VDC	1.5A	83%@Full Load		
BQ-060TNPV-SL	60W	220-240VAC	12VDC	5A	89%@Full Load	0.95(230VAC)	304*30*18.5 mm
			24VDC	2.5A	91%@Full Load		
BQ-100TNPV-SL	100W	220-240VAC	12VDC	8.33A	89%@Full Load	0.95(230VAC)	334*31*22.5 mm
			24VDC	4.16A	91%@Full Load		
BQ-150TNPV-SL	150W	220-240VAC	12VDC	12.5A	89%@Full Load	0.95(230VAC)	364*31*22.5 mm
			24VDC	6.25A	92%@Full Load		

■ TRIAC Series

TRIAC / Phase-cut Dimmable LED Driver

Feature

- TRIAC / Phase-cut dimming
- Built-in High-performance MCU
- High Power Factor, Flicker Free
- Compatible With Leading Edge And Trailing Edge Dimmers
- Suitable For Class II Light Fixtures
- Smooth Dimming, 0%-100% Dimming Range
- Power Range: 20W to 75W
- 5 Years Warranty

Constant Voltage TRIAC / Phase-cut Dimmable LED Driver



BQ-020TNPV



BQ-030TNPV



BQ-040TNPV



BQ-060TNPV



BQ-075TNPV

Model	Output Power	Input Voltage	Output Voltage	Output Current	Power Efficiency	Power Factor	Size(L*W*H)
BQ-020TNPV	20W	220-240VAC	12VDC	1670mA	83%@Full Load	0.95(230VAC)	155*53*30 mm
			24VDC	840mA	86%@Full Load		
BQ-030TNPV	30W	220-240VAC	12VDC	2500mA	83%@Full Load	0.95(230VAC)	155*53*30 mm
			24VDC	1250mA	86%@Full Load		
BQ-040TNPV	40W	220-240VAC	12VDC	3340mA	83%@Full Load	0.95(230VAC)	155*53*30 mm
			24VDC	1670mA	86%@Full Load		
BQ-060TNPV	60W	220-240VAC	12VDC	5000mA	86%@Full Load	0.95(230VAC)	175*56*31 mm
			24VDC	2500mA	88%@Full Load		
BQ-075TNPV	75W	220-240VAC	24VDC	3125mA	88%@Full Load	0.95(230VAC)	175*56*31 mm



■ TRIAC Series

TRIAC / Phase-cut Dimmable LED Driver

Feature

- TRIAC / Phase-cut dimming
- Built-in High-performance MCU
- High Power Factor, Flicker Free
- Compatible With Leading Edge And Trailing Edge Dimmers
- Suitable For Class II Light Fixtures
- Smooth Dimming, 0%-100% Dimming Range
- Power Range: 75W to 240W
- 5 Years Warranty

Constant Voltage TRIAC / Phase Cut Dimmable LED Driver



BQ-075TNAV



BQ-100TNAV



BQ-150TNAV



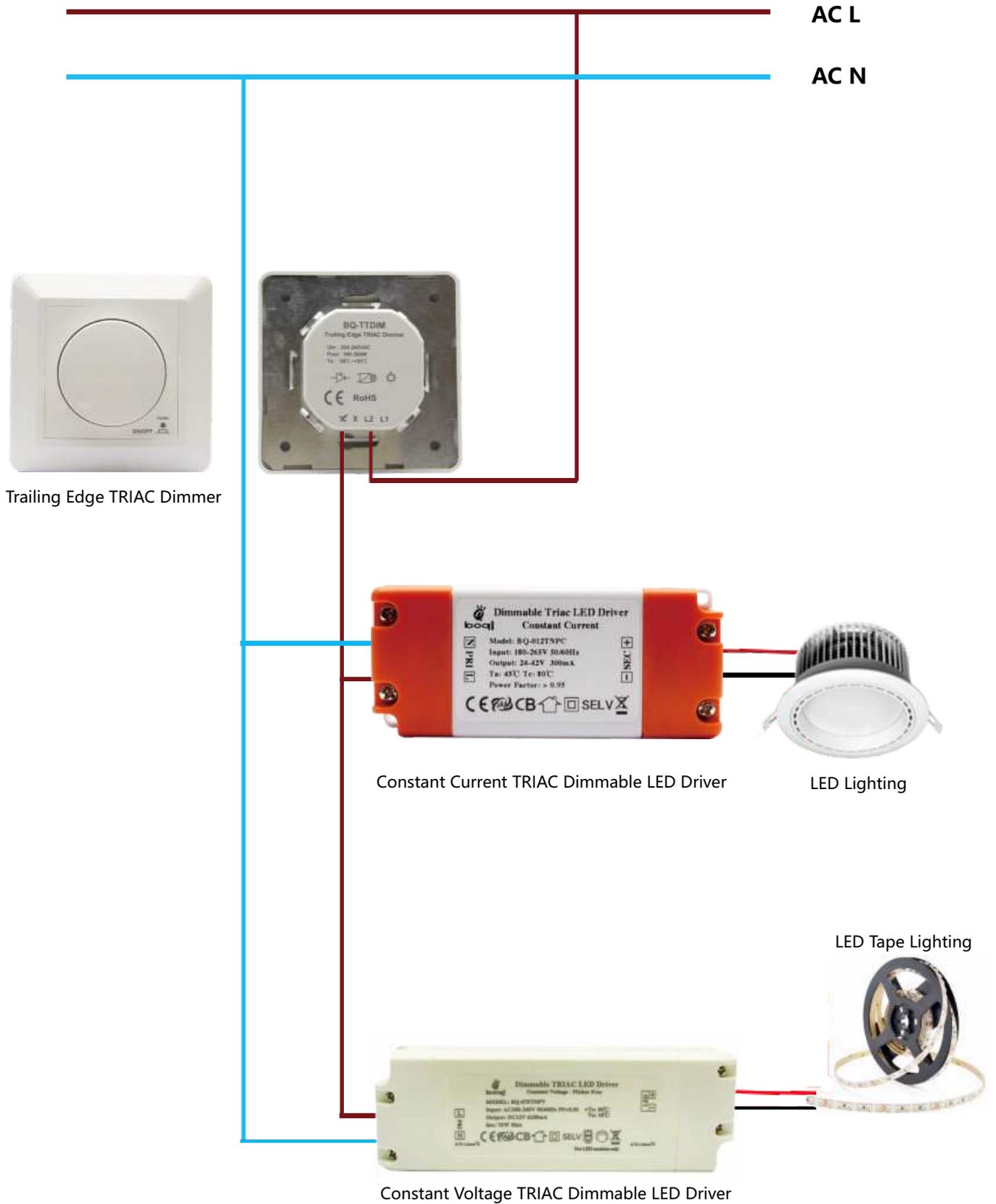
BQ-200TNAV



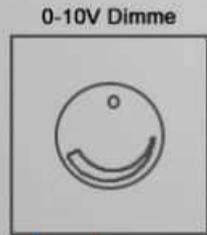
BQ-240TNAV

Model	Output Power	Input Voltage	Output Voltage	Output Current	Power Efficiency	Power Factor	Size(L*W*H)
BQ-075TNAV	75W	220-240VAC	12VDC	6.25A	90%@Full Load	0.95(230VAC)	205*59*33 mm
			24VDC	3.125A	91%@Full Load		
BQ-100TNAV	100W	220-240VAC	12VDC	8.34A	90%@Full Load	0.95(230VAC)	221*59*33 mm
			24VDC	4.17A	91%@Full Load		
BQ-150TNAV	150W	220-240VAC	12VDC	12.5A	91.5%@Full Load	0.95(230VAC)	255*59*33 mm
			24VDC	6.25A	93%@Full Load		
BQ-200TNAV	200W	220-240VAC	12VDC	16.67A	90%@Full Load	0.95(230VAC)	275*59*33 mm
			24VDC	8.34A	93%@Full Load		
BQ-240TNAV	240W	220-240VAC	12VDC	20A	91%@Full Load	0.95(230VAC)	298*59*33 mm
			24VDC	10A	92.5%@Full Load		

TRIAC Dimming Wiring Diagram



0-10V Series



AC Input
L N



0-10V Series

0-10V Dimmable LED Driver

boqi 0-10V series perfectly solves the problem of the dimming effect of LED lights. boqi 0-10V series products have a built-in high-performance MCU that supports a 0~100% dimming range. Logarithmic characteristic dimming, compatible with various brands of 0-10V dimmers and control systems on the market, such as Lutron, EVITIN, Schneider, etc.

DIP Switch Constant Current 0-10V Dimmable LED Driver

Feature

- Output Current Adjustable Via DIP Switch, Various Currents To Select (50mA a step)
- 0-10V Dimming
- High Power Factor, Flicker Free
- Certified TUV-CE, CB, SAA, RoHS
- 5 Years Warranty
- Smooth Dimming, 0%-100% Dimming Range
- Built-in High-performance MCU
- Suitable For Class II Light Fixtures



BQ-020ANPC-S



BQ-030ANPC-S



BQ-050ANPC-S

Model	Output Power	Input Voltage	Output Voltage	Output Current(Dip Switch)	Power Efficiency	Power Factor	Size(L*W*H)
BQ-020ANPC-S	3-16W	100-265VAC	9-42VDC	150mA/200mA/250mA	84%@Full Load	0.95(230VAC)	130*30*20 mm
			9-40VDC	300mA			
			9-37VDC	350mA			
			9-36VDC	400mA/450mA			
			9-33VDC	500mA			
BQ-030ANPC-S	5-30W	100-265VAC	9-42VDC	550mA/600mA/650mA/700mA	88%@Full Load	0.95(230VAC)	146*36*25 mm
			9-40VDC	750mA			
			9-37VDC	800mA			
			9-35VDC	850mA			
			9-33VDC	900mA			
BQ-050ANPC-S	7-50W	100-265VAC	9-42VDC	750mA/800mA/850mA/900mA	88%@Full Load	0.95(230VAC)	166*40*28 mm
			9-42VDC	950mA/1000mA/1050mA/1100mA			
			9-40VDC	1150mA/1200mA			
			9-38VDC	1250mA			
			9-37VDC	1300mA			
			9-36VDC	1350mA			
			9-34VDC	1400mA			
			9-33VDC	1450mA/1500mA			

0-10V Series

0-10V Dimmable LED Driver

Feature

- 0-10V Dimming
- High Power Factor, Flicker Free
- Certified TUV-CE, CB, SAA, RoHS
- Suitable For Class II Light Fixtures
- Smooth Dimming, 0%-100% Dimming Range
- Built-in High-performance MCU
- Multiple Protection
- 3 Years Warranty

Constant Current 0-10V Dimmable LED Driver



BQ-012ANPC



BQ-015ANPC



BQ-020ANPC



BQ-030ANPC



BQ-050ANPC



BQ-060ANPC

Model	Output Power	Input Voltage	Output Voltage	Output Current	Power Efficiency	Power Factor	Size(L*W*H)
BQ-012ANPC	3-12W	100-265VAC	9-45VDC	150-300mA	82%@Full Load	0.95(230VAC)	100*43*21 mm
BQ-015ANPC	10-15W	100-265VAC	36-50VDC 24-42VDC	150-300mA 150-350mA	85%@Full Load	0.95(230VAC)	100*43*21 mm
BQ-020ANPC	12-18W	100-265VAC	36-60VDC 24-42VDC	150-300mA 300-450mA	86%@Full Load	0.95(230VAC)	100*43*21 mm
BQ-030ANPC	15-24W	100-265VAC	36-60VDC 24-42VDC	300-400mA 500-600mA	88%@Full Load	0.95(230VAC)	130*43*21 mm
BQ-050ANPC	24-42W	100-265VAC	50-72VDC 24-42VDC	350-600mA 700-1000mA	88%@Full Load	0.95(230VAC)	140*47*29 mm
BQ-060ANPC	45-63W	100-265VAC	50-72VDC 24-42VDC	700-900mA 1050-1500mA	88%@Full Load	0.95(230VAC)	155*53*30 mm

0-10V Series

0-10V Dimmable LED Driver

Feature

- 0-10V Dimming
- Built-in high-performance MCU
- High Power Factor, Flicker Free
- Suitable For Class II Light Fixtures
- Super Slim Plastic Box
- Smooth Dimming, 0%-100% Dimming Range
- Power Range: 30W to 150W
- 5 Years Warranty

Super Slim Constant Voltage 0-10V Dimmable LED Driver



BQ-030ANPV-SL

BQ-036ANPV-SL

BQ-060ANPV-SL

BQ-100ANPV-SL



BQ-150ANPV-SL

Model	Output Power	Input Voltage	Output Voltage	Output Current	Power Efficiency	Power Factor	Size(L*W*H)
BQ-030ANPV-SL	30W	220-240VAC	12VDC	2.5A	84%@Full Load	0.95(230VAC)	264*30*18.5 mm
			24VDC	1.25A	83%@Full Load		
BQ-036ANPV-SL	36W	220-240VAC	12VDC	3A	84%@Full Load	0.95(230VAC)	264*30*18.5 mm
			24VDC	1.5A	83%@Full Load		
BQ-060ANPV-SL	60W	220-240VAC	12VDC	5A	89%@Full Load	0.95(230VAC)	304*30*18.5 mm
			24VDC	2.5A	91%@Full Load		
BQ-100ANPV-SL	100W	220-240VAC	12VDC	8.33A	89%@Full Load	0.95(230VAC)	334*31*22.5 mm
			24VDC	4.16A	91%@Full Load		
BQ-150ANPV-SL	150W	220-240VAC	12VDC	12.5A	89%@Full Load	0.95(230VAC)	364*31*22.5 mm
			24VDC	6.25A	92%@Full Load		

0-10V Series

0-10V Dimmable LED Driver

Feature

- 0-10V Dimming
- Built-in high-performance MCU
- High Power Factor, Flicker Free
- Suitable For Class II Light Fixtures
- Smooth Dimming, 0%-100% Dimming Range
- Power Range: 20W to 75W
- 5 Years Warranty

Constant Voltage 0-10V Dimmable LED Driver



BQ-020ANPV



BQ-030ANPV



BQ-040ANPV



BQ-060ANPV



BQ-075ANPV

Model	Output Power	Input Voltage	Output Voltage	Output Current	Power Efficiency	Power Factor	Size(L*W*H)
BQ-020ANPV	20W	100-240VAC	12VDC	1670mA	83%@Full Load	0.95(230VAC)	155*53*30 mm
			24VDC	840mA	86%@Full Load		
BQ-030ANPV	30W	100-240VAC	12VDC	2500mA	83%@Full Load	0.95(230VAC)	155*53*30 mm
			24VDC	1250mA	86%@Full Load		
BQ-040ANPV	40W	100-240VAC	12VDC	3340mA	83%@Full Load	0.95(230VAC)	155*53*30 mm
			24VDC	1670mA	86%@Full Load		
BQ-060ANPV	60W	100-240VAC	12VDC	5000mA	86%@Full Load	0.95(230VAC)	175*56*31 mm
			24VDC	2500mA	88%@Full Load		
BQ-075ANPV	75W	100-240VAC	24VDC	3125mA	88%@Full Load	0.95(230VAC)	175*56*31 mm



0-10V Series



0-10V Dimmable LED Driver

Feature

- 0-10V Dimming
- Built-in high-performance MCU
- High Power Factor, Flicker Free
- Suitable For Class II Light Fixtures
- Smooth Dimming, 0%-100% Dimming Range
- Power Range: 75W to 240W
- 5 Years Warranty

Constant Voltage 0-10V Dimmable LED Driver



BQ-075ANAV



BQ-100ANAV



BQ-150ANAV



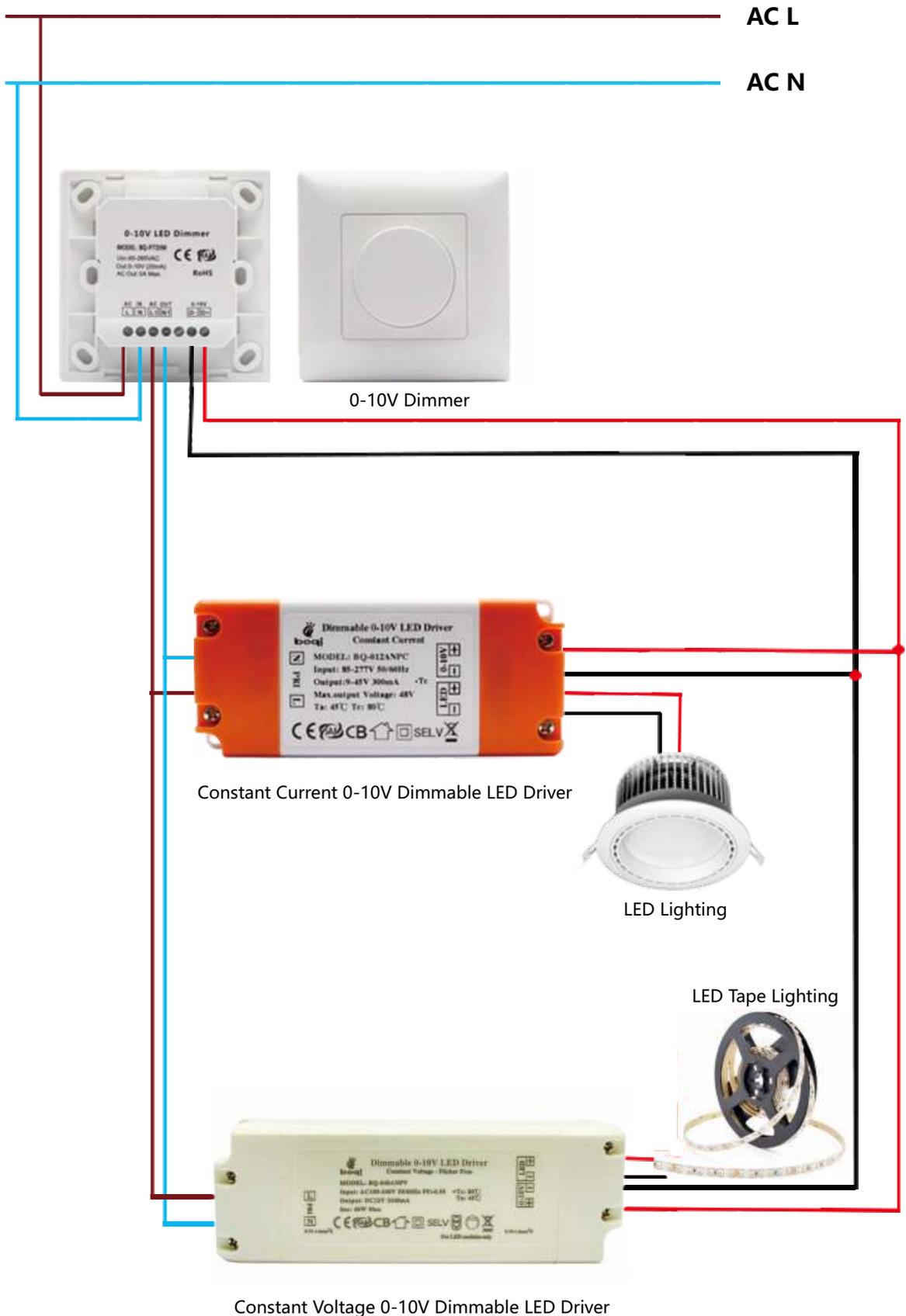
BQ-200ANAV



BQ-240ANAV

Model	Output Power	Input Voltage	Output Voltage	Output Current	Power Efficiency	Power Factor	Size(L*W*H)
BQ-075ANAV	75W	220-240VAC	12VDC	6.25A	90%@Full Load	0.95(230VAC)	205*59*33 mm
			24VDC	3.125A	91%@Full Load		
BQ-100ANAV	100W	220-240VAC	12VDC	8.34A	90%@Full Load	0.95(230VAC)	221*59*33 mm
			24VDC	4.17A	91%@Full Load		
BQ-150ANAV	150W	220-240VAC	12VDC	12.5A	91.5%@Full Load	0.95(230VAC)	255*59*33 mm
			24VDC	6.25A	93%@Full Load		
BQ-200ANAV	200W	220-240VAC	12VDC	16.67A	90%@Full Load	0.95(230VAC)	275*59*33 mm
			24VDC	8.34A	93%@Full Load		
BQ-240ANAV	240W	220-240VAC	12VDC	20A	91%@Full Load	0.95(230VAC)	298*59*33 mm
			24VDC	10A	92.5%@Full Load		

0-10V Dimming Wiring Diagram



DALI Series



AC Input
L N

DALI POWER



DALI Bus



■ DALI Series

DALI Dimmable LED Driver

DALI protocol (Digital Addressable Lighting Interface) is an international standard lighting control communication protocol, with overall dimming, group dimming, addressing dimming, and multiple scenarios mode settings ect powerful dimming functions, can monitor and control each device through two-way data exchange.

boqi DALI dimming series products comply with the IEC62386 standard and can be connected with any device conforming to the DALI protocol on the same bus control, with strong compatibility.

DIP Switch Constant Current DALI Dimmable LED Driver

Feature

- Output Current Adjustable Via DIP Switch, Various Currents To Select (50mA a step)
- DALI Dimming
 - 0%-100% Dimming Range, 0.1% Dimming Depth
- High Power Factor, Flicker Free
 - Built-in High-performance MCU
- Suitable For Class II Light Fixtures
 - Certified TUV-CE, CB, SAA, RoHS
- Standby Power Consumption $\leq 0.5W$ (When DALI OFF Signal Is Effective)
- 5 Years Warranty



BQ-020DNPC-S



BQ-030DNPC-S



BQ-050DNPC-S

Model	Output Power	Input Voltage	Output Voltage	Output Current(Dip Switch)	Power Efficiency	Power Factor	Size(L*W*H)
BQ-020DNPC-S	3-16W	100-265VAC	9-42VDC	150mA/200mA/250mA	84%@Full Load	0.95(230VAC)	130*30*20 mm
			9-40VDC	300mA			
			9-37VDC	350mA			
			9-36VDC	400mA/450mA			
BQ-030DNPC-S	5-30W	100-265VAC	9-42VDC	550mA/600mA/650mA/700mA	88%@Full Load	0.95(230VAC)	146*36*25 mm
			9-40VDC	750mA			
			9-37VDC	800mA			
			9-35VDC	850mA			
BQ-050DNPC-S	7-50W	100-265VAC	9-42VDC	750mA/800mA/850mA/900mA	88%@Full Load	0.95(230VAC)	166*40*28 mm
			9-42VDC	950mA/1000mA/1050mA/1100mA			
			9-40VDC	1150mA/1200mA			
			9-38VDC	1250mA			
			9-37VDC	1300mA			
			9-36VDC	1350mA			
9-34VDC	1400mA						
			9-33VDC	1450mA/1500mA			

■ DALI Series

DALI Dimmable LED Driver

Feature

- DALI Dimming
- High Power Factor, Flicker Free
- Suitable For Class II Light Fixtures
- Standby Power Consumption $\leq 0.5W$ (When DALI OFF Signal Is Effective)
- 5 Years Warranty
- 0%-100% Dimming Range, 0.1% Dimming Depth
- Built-in High-performance MCU
- Certified TUV-CE, CB, SAA, RoHS

Constant Current DALI Dimmable LED Driver



BQ-012DNPC



BQ-015DNPC



BQ-020DNPC



BQ-030DNPC



BQ-050DNPC



BQ-060DNPC

Model	Output Power	Input Voltage	Output Voltage	Output Current	Power Efficiency	Power Factor	Size(L*W*H)
BQ-012DNPC	3-12W	100-265VAC	9-45VDC	150-300mA	82%@Full Load	0.95(230VAC)	100*43*21 mm
BQ-015DNPC	10-15W	100-265VAC	36-50VDC 24-42VDC	150-300mA 150-350mA	85%@Full Load	0.95(230VAC)	100*43*21 mm
BQ-020DNPC	12-18W	100-265VAC	36-60VDC 24-42VDC	150-300mA 300-450mA	86%@Full Load	0.95(230VAC)	100*43*21 mm
BQ-030DNPC	15-24W	100-265VAC	36-60VDC 24-42VDC	300-400mA 500-600mA	88%@Full Load	0.95(230VAC)	130*43*21 mm
BQ-050DNPC	24-42W	100-265VAC	50-72VDC 24-42VDC	350-600mA 700-1000mA	88%@Full Load	0.95(230VAC)	140*47*29 mm
BQ-060DNPC	45-63W	100-265VAC	50-72VDC 24-42VDC	700-900mA 1050-1500mA	88%@Full Load	0.95(230VAC)	155*53*30 mm

■ DALI Series

DALI Dimmable LED Driver

Feature

- DALI Dimming
- 0%-100% Dimming Range, 0.1% Dimming Depth
- High Power Factor, Flicker Free
- Power Range: 30W to 150W
- Standby Power Consumption $\leq 0.5W$ (When DALI OFF Signal Is Effective)
- Suitable For Class II Light Fixtures
- Super Slim Plastic Box
- Built-in High-performance MCU
- Certified TUV-CE, CB, SAA, RoHS
- 5 Years Warranty

Super Slim Constant Voltage DALI Dimmable LED Driver



BQ-030DNPV-SL

BQ-036DNPV-SL

BQ-060DNPV-SL

BQ-100DNPV-SL



BQ-150DNPV-SL

Model	Output Power	Input Voltage	Output Voltage	Output Current	Power Efficiency	Power Factor	Size(L*W*H)
BQ-030DNPV-SL	30W	220-240VAC	12VDC	2.5A	84%@Full Load	0.95(230VAC)	264*30*18.5 mm
			24VDC	1.25A	83%@Full Load		
BQ-036DNPV-SL	36W	220-240VAC	12VDC	3A	84%@Full Load	0.95(230VAC)	264*30*18.5 mm
			24VDC	1.5A	83%@Full Load		
BQ-060DNPV-SL	60W	220-240VAC	12VDC	5A	89%@Full Load	0.95(230VAC)	304*30*18.5 mm
			24VDC	2.5A	91%@Full Load		
BQ-100DNPV-SL	100W	220-240VAC	12VDC	8.33A	89%@Full Load	0.95(230VAC)	334*31*22.5 mm
			24VDC	4.16A	91%@Full Load		
BQ-150DNPV-SL	150W	220-240VAC	12VDC	12.5A	89%@Full Load	0.95(230VAC)	364*31*22.5 mm
			24VDC	6.25A	92%@Full Load		

■ DALI Series

DALI Dimmable LED Driver

Feature

- DALI Dimming
- High Power Factor, Flicker Free
- Certified TUV-CE, CB, SAA, RoHS
- Standby Power Consumption $\leq 0.5W$ (When DALI OFF Signal Is Effective)
- Suitable For Class II Light Fixtures
- 0%-100% Dimming Range, 0.1% Dimming Depth
- Built-in High-performance MCU
- Power Range: 20W to 75W
- 5 Years Warranty

Constant Voltage DALI Dimmable LED Driver



BQ-020DNPV



BQ-030DNPV



BQ-040DNPV



BQ-060DNPV



BQ-075DNPV

Model	Output Power	Input Voltage	Output Voltage	Output Current	Power Efficiency	Power Factor	Size(L*W*H)
BQ-020DNPV	20W	100-240VAC	12VDC	1670mA	83%@Full Load	0.95(230VAC)	155*53*30 mm
			24VDC	840mA	86%@Full Load		
BQ-030DNPV	30W	100-240VAC	12VDC	2500mA	83%@Full Load	0.95(230VAC)	155*53*30 mm
			24VDC	1250mA	86%@Full Load		
BQ-040DNPV	40W	100-240VAC	12VDC	3340mA	83%@Full Load	0.95(230VAC)	155*53*30 mm
			24VDC	1670mA	86%@Full Load		
BQ-060DNPV	60W	100-240VAC	12VDC	5000mA	86%@Full Load	0.95(230VAC)	175*56*31 mm
			24VDC	2500mA	88%@Full Load		
BQ-075DNPV	75W	100-240VAC	24VDC	3125mA	88%@Full Load	0.95(230VAC)	175*56*31 mm

■ DALI Series

DALI Dimmable LED Driver

Feature

- DALI Dimming
- High Power Factor, Flicker Free
- Certified TUV-CE, CB, SAA, RoHS
- Standby Power Consumption $\leq 0.5W$ (When DALI OFF Signal Is Effective)
- Suitable For Class II Light Fixtures
- 0%-100% Dimming Range, 0.1% Dimming Depth
- Built-in High-performance MCU
- Power Range: 75W to 240W
- 5 Years Warranty

Constant Voltage DALI Dimmable LED Driver



BQ-075DNAV



BQ-100DNAV



BQ-150DNAV



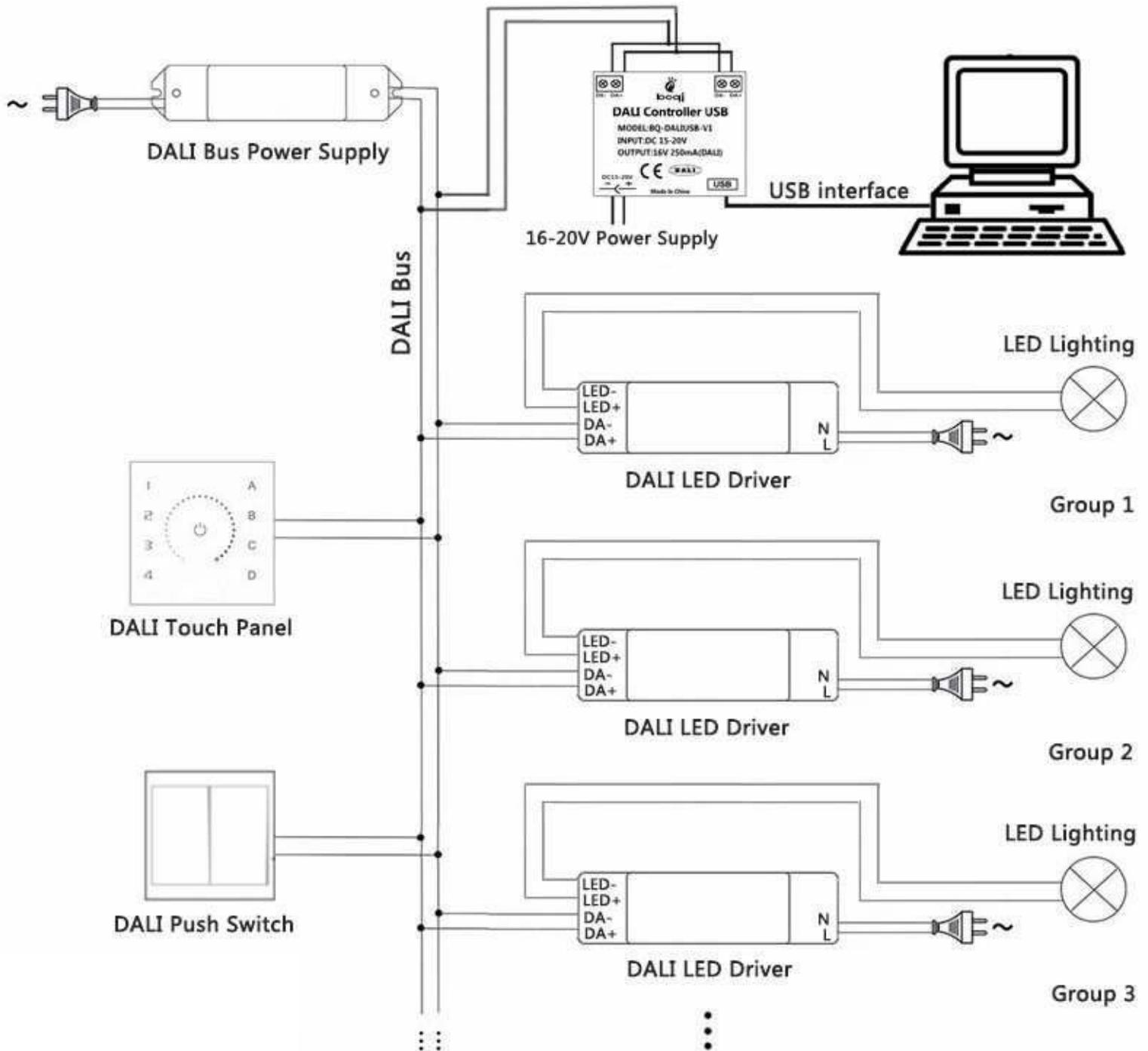
BQ-200DNAV



BQ-240DNAV

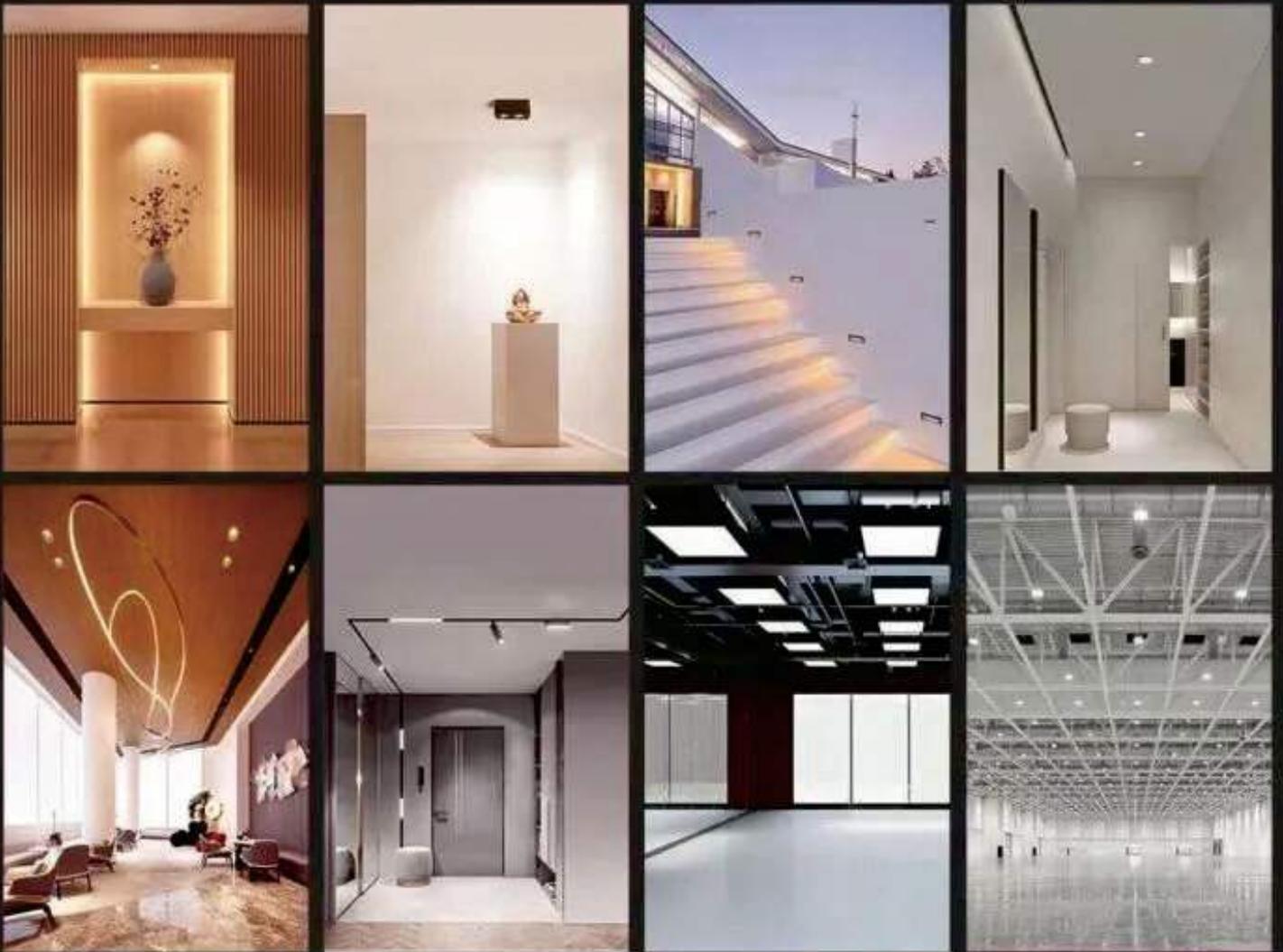
Model	Output Power	Input Voltage	Output Voltage	Output Current	Power Efficiency	Power Factor	Size(L*W*H)
BQ-075DNAV	75W	220-240VAC	12VDC	6.25A	90%@Full Load	0.95(230VAC)	205*59*33 mm
			24VDC	3.125A	91%@Full Load		
BQ-100DNAV	100W	220-240VAC	12VDC	8.34A	90%@Full Load	0.95(230VAC)	221*59*33 mm
			24VDC	4.17A	91%@Full Load		
BQ-150DNAV	150W	220-240VAC	12VDC	12.5A	91.5%@Full Load	0.95(230VAC)	255*59*33 mm
			24VDC	6.25A	93%@Full Load		
BQ-200DNAV	200W	220-240VAC	12VDC	16.67A	90%@Full Load	0.95(230VAC)	275*59*33 mm
			24VDC	8.34A	93%@Full Load		
BQ-240DNAV	240W	220-240VAC	12VDC	20A	91%@Full Load	0.95(230VAC)	298*59*33 mm
			24VDC	10A	92.5%@Full Load		

DALI Dimming Wiring Diagram



*DALI and PUSH interface are shared.

ON/OFF LED Drivers



■ ON/OFF Series

ON/OFF LED Driver

Feature

- ON/OFF NO Dimming
- High Power Factor, Flicker Free
- With CE EMC LVD
- Power Range: 20W to 75W
- Multiple Protection
- 5 Years Warranty

High Power Factor Constant Voltage ON/OFF LED Driver



BQ-020FNPV



BQ-030FNPV



BQ-040FNPV



BQ-060FNPV



BQ-075FNPV

Model	Output Power	Input Voltage	Output Voltage	Output Current	Power Efficiency	Power Factor	Size(L*W*H)
BQ-020FNPV	20W	100-240VAC	12VDC	1670mA	86%@Full Load	0.95(230VAC)	155*53*30 mm
			24VDC	840mA	88%@Full Load		
BQ-030FNPV	30W	100-240VAC	12VDC	2500mA	86%@Full Load	0.95(230VAC)	155*53*30 mm
			24VDC	1250mA	88%@Full Load		
BQ-040FNPV	40W	100-240VAC	12VDC	3340mA	86%@Full Load	0.95(230VAC)	155*53*30 mm
			24VDC	1670mA	88%@Full Load		
BQ-060FNPV	60W	100-240VAC	12VDC	5000mA	86%@Full Load	0.95(230VAC)	175*56*31 mm
			24VDC	2500mA	88%@Full Load		
BQ-075FNPV	75W	100-240VAC	24VDC	3125mA	88%@Full Load	0.95(230VAC)	175*56*31 mm

ON/OFF Series

ON/OFF LED Driver

Feature

- ON/OFF NO Dimming
- High Power Factor, Flicker Free
- With CE EMC LVD
- Power Range: 75W to 240W
- Multiple Protection
- 5 Years Warranty

High Power Factor Constant Voltage ON/OFF LED Driver



BQ-075FNAV



BQ-100FNAV



BQ-150FNAV



BQ-200FNAV



BQ-240FNAV

Model	Output Power	Input Voltage	Output Voltage	Output Current	Power Efficiency	Power Factor	Size(L*W*H)
BQ-075FNAV	75W	220-240VAC	12VDC	6.25A	90%@Full Load	0.95(230VAC)	205*59*33 mm
			24VDC	3.125A	91%@Full Load		
BQ-100FNAV	100W	220-240VAC	12VDC	8.34A	90%@Full Load	0.95(230VAC)	221*59*33 mm
			24VDC	4.17A	91%@Full Load		
BQ-150FNAV	150W	220-240VAC	12VDC	12.5A	91.5%@Full Load	0.95(230VAC)	255*59*33 mm
			24VDC	6.25A	93%@Full Load		
BQ-200FNAV	200W	220-240VAC	12VDC	16.67A	90%@Full Load	0.95(230VAC)	275*59*33 mm
			24VDC	8.34A	93%@Full Load		
BQ-240FNAV	240W	220-240VAC	12VDC	20A	91%@Full Load	0.95(230VAC)	298*59*33 mm
			24VDC	10A	92.5%@Full Load		

ON/OFF Series

ON/OFF LED Driver

Feature

- ON/OFF NO Dimming
- Low Power Factor, Flicker Free
- Small Plastic Box
- With CE EMC LVD
- Power Range: 6W to 75W
- Multiple Protection
- 3 Years Warranty

Constant Voltage ON/OFF LED Driver



Model	Output Power	Input Voltage	Output Voltage	Output Current	Power Efficiency	Power Factor	Size(L*W*H)
BQ-006LNPV	6W	100-240VAC	12VDC 24VDC	0.5A 0.25A	80%@Full Load 80%@Full Load	>0.6(230VAC)	41*42*20 mm
BQ-009LNPV	9W	100-240VAC	12VDC 24VDC	0.75A 0.375A	81%@Full Load 81%@Full Load	>0.6(230VAC)	91*42*19 mm
BQ-012LNPV	12W	100-240VAC	12VDC 24VDC	1.0A 0.5A	82%@Full Load 82%@Full Load	>0.6(230VAC)	91*42*19 mm
BQ-018LNPV	18W	100-240VAC	12VDC 24VDC	1.5A 0.75A	83%@Full Load 83%@Full Load	>0.6(230VAC)	91*42*19 mm
BQ-024LNPV	24W	100-240VAC	12VDC 24VDC	2.0A 1.0A	85%@Full Load 85%@Full Load	>0.6(230VAC)	91*42*19 mm
BQ-030LNPV	30W	100-240VAC	12VDC 24VDC	2.5A 1.25A	86%@Full Load 86%@Full Load	>0.6(230VAC)	91*42*19 mm
BQ-036LNPV	36W	100-240VAC	12VDC 24VDC	3.0A 1.5A	86%@Full Load 86%@Full Load	>0.6(230VAC)	93*43*22 mm
BQ-048LNPV	48W	100-240VAC	12VDC 24VDC	4.0A 2.0A	86%@Full Load 86%@Full Load	>0.6(230VAC)	165*50*16 mm
BQ-060LNPV	60W	100-240VAC	12VDC 24VDC	5.0A 2.5A	88%@Full Load 88%@Full Load	>0.6(230VAC)	185*62*22 mm
BQ-075LNPV	75W	100-240VAC	12VDC 24VDC	6.25A 3.125A	88%@Full Load 88%@Full Load	>0.6(230VAC)	185*62*22 mm

■ ON/OFF Series

ON/OFF LED Driver

Feature

- Open Frame Version
- High Power Factor
- Constant Current Output. The Output Current Can Be Customized As Requirements.
- Multiple Protection
- Suitable for Class II light fixtures
- High Power Efficiency
- Power Range: 3W to 36W

Constant Current ON/OFF LED Driver



BQ-LPG3-5W



BQ-LPG5-7W



BQ-LPG7-10W



BQ-LPG9-12W



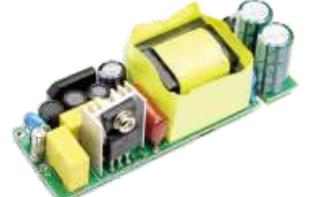
BQ-LPG9-15W



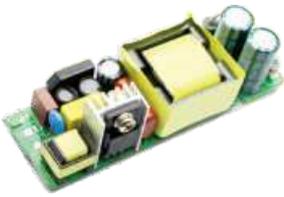
BQ-LPG12-20W



BQ-LPG6-12X2W



BQ-LP20-28W



BQ-LP24-36W



BQ-LP7-12X2W



BQ-LP7-12X3W

Model	Output Power	Input Voltage	Output Voltage	Output Current	Power Efficiency	Power Factor	Size(L*W*H)
BQ-LPG3-5W	3-5W	85-265VAC	9-16VDC	150-300mA	80%@Full Load	0.90(230VAC)	38*16*17 mm
BQ-LPG5-7W	5-7W	85-265VAC	15-24VDC	150-300mA	83%@Full Load	0.90(230VAC)	46*19*17 mm
BQ-LPG7-10W	7-10W	85-265VAC	20-36VDC	150-300mA	83%@Full Load	0.90(230VAC)	46*19*17 mm
BQ-LPG9-12W	9-12W	85-265VAC	24-42VDC	150-300mA	85%@Full Load	0.90(230VAC)	48.5*19*20 mm
BQ-LPG9-15W	9-15W	85-265VAC	30-50VDC	150-300mA	86%@Full Load	0.90(230VAC)	51.5*20*21 mm
BQ-LPG12-20W	12-18W	85-265VAC	36-60VDC	150-300mA	88%@Full Load	0.90(230VAC)	52.5*21*21 mm
BQ-LPG6-12X2W	12-18W	85-265VAC	20-42VDC	240-450mA	88%@Full Load	0.90(230VAC)	52.5*21*21 mm
BQ-LP20-28W	20-28W	85-265VAC	60-90VDC	150-300mA	89%@Full Load	0.90(230VAC)	80*27*25 mm
BQ-LP24-36W	24-36W	85-265VAC	72-115VDC	150-300mA	89%@Full Load	0.90(230VAC)	85*27*25.5 mm
BQ-LP7-12X2W	14-27W	85-265VAC	20-42VDC	450-650mA	88%@Full Load	0.90(230VAC)	85*27*25.5 mm
BQ-LP7-12X3W	18-36W	85-265VAC	20-42VDC	700-900mA	89%@Full Load	0.90(230VAC)	85*27*25.5 mm



■ ON/OFF Series

ON/OFF LED Driver

Feature

- With Plastic Box Version
- High Power Factor
- Constant current output. The output current can be customized as requirements.
- Multiple Protection
- Suitable for Class II light fixtures
- High Power Efficiency
- Power Range: 3W to 36W

Constant Current ON/OFF LED Driver



- BQ-LPG3-5W
- BQ-LPG5-7W
- BQ-LPG7-10W
- BQ-LPG9-12W
- BQ-LPG9-15W
- BQ-LPG12-20W
- BQ-LPG6-12X2W



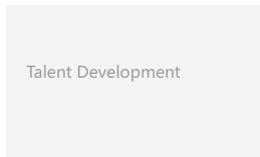
- BQ-LP20-28W
- BQ-LP24-36W
- BQ-LP7-12X2W
- BQ-LP7-12X3W

Model	Output Power	Input Voltage	Output Voltage	Output Current	Power Efficiency	Power Factor	Size(L*W*H)
BQ-LPG3-5W	3-5W	85-265VAC	9-16VDC	150-300mA	80%@Full Load	0.90(230VAC)	88*39*23 mm
BQ-LPG5-7W	5-7W	85-265VAC	15-24VDC	150-300mA	83%@Full Load	0.90(230VAC)	88*39*23 mm
BQ-LPG7-10W	7-10W	85-265VAC	20-36VDC	150-300mA	83%@Full Load	0.90(230VAC)	88*39*23 mm
BQ-LPG9-12W	9-12W	85-265VAC	24-42VDC	150-300mA	85%@Full Load	0.90(230VAC)	88*39*23 mm
BQ-LPG9-15W	9-15W	85-265VAC	30-50VDC	150-300mA	86%@Full Load	0.90(230VAC)	94*45*28 mm
BQ-LPG12-20W	12-18W	85-265VAC	36-60VDC	150-300mA	88%@Full Load	0.90(230VAC)	94*45*28 mm
BQ-LPG6-12X2W	12-18W	85-265VAC	20-42VDC	240-450mA	88%@Full Load	0.90(230VAC)	94*45*28 mm
BQ-LP20-28W	20-28W	85-265VAC	60-90VDC	150-300mA	89%@Full Load	0.90(230VAC)	115*45*28 mm
BQ-LP24-36W	24-36W	85-265VAC	72-115VDC	150-300mA	89%@Full Load	0.90(230VAC)	115*45*28 mm
BQ-LP7-12X2W	14-27W	85-265VAC	20-42VDC	450-650mA	88%@Full Load	0.90(230VAC)	115*45*28 mm
BQ-LP7-12X3W	18-36W	85-265VAC	20-42VDC	700-900mA	89%@Full Load	0.90(230VAC)	115*45*28 mm

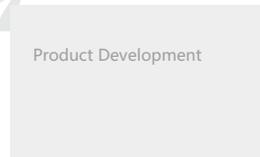
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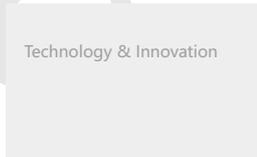
Quality Control



Talent Development



Product Development



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