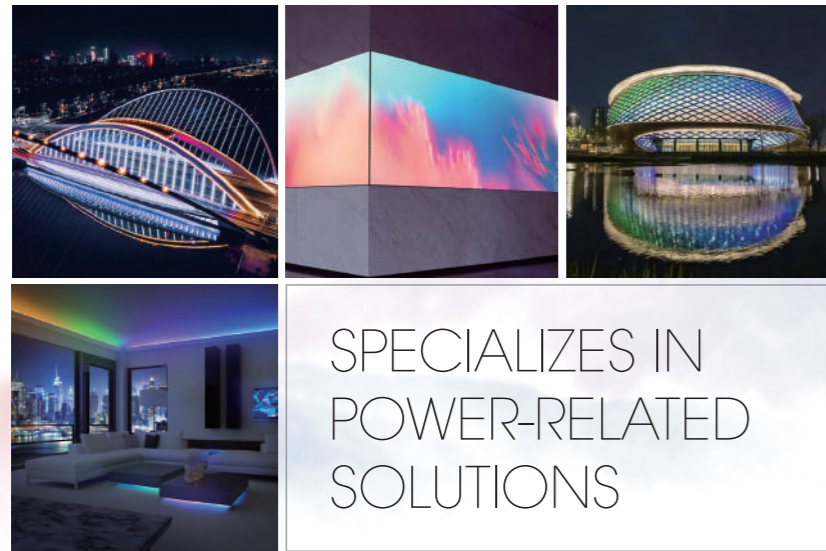


# LEADPOWER

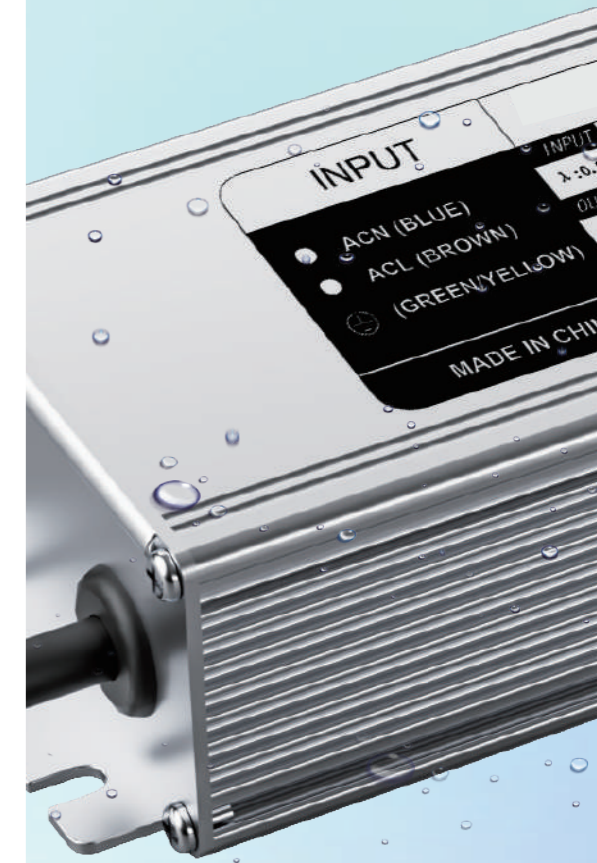


SPECIALIZES IN  
POWER-RELATED  
SOLUTIONS

# LEADPOWER


## DIMMABLE LED DRIVER

## CATALOG



 SHENZHEN LEADPOWER TECHNOLOGY CO., LTD

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 Unit 401, Block 5B, Skyworth Innovation Valley, Tangtou 1st Road,  
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Shenzhen Leadpower Technology Co.,Ltd was established in 2000, located in Shenzhen,China,With headquarter in Changzhou, Jiangsu Province, We specialized in Industrial equipment power supply,LED lighting power supply, LED display power supply.Through the years of unremitting efforts , We developed into a company covering an area of 40,000 square meters, A Garden-style modern manufacturing factory with annual production capacity of 20 million units of various power supplies. The planned park will be built into an industrial cluster with an annual power output value of RMB 3 billion of the power supply. At present, the company has more than 100 sets of production and testing equipment and instruments, which provide a strong quality assurance for the company's production.After years of unremitting training and tireless research, Leadpower has formed a unique set of quality control system.

Leadpower pays special attention to the R&D Team, and has set up two R&D centers located in Changzhou and Shenzhen, with more than 60 R&D staffs. We have obtained more than 50 patents, with build-in power supply,outdoor waterproof power supply & outdoor rainproof power supply three product systems, Products range from low power to high power. Especially the "maintenance-free" series products, It adopts redundant backup and parallel current sharing technology. When the faulty power supply fails to work, the load can still work based on the backup power supplies, providing strong support for the stable operation of many major projects.

We have more than 40 domestic & overseas sales, and products are widely exported to more than 30 countries. Four overseas sales centers were set in Beijing, Shanghai, Guangzhou and Shenzhen, and established dozens of sales outlets in major provinces and cities across the country, providing service support for many projects in China & Overseas.

Leadpower has lit up the Potala Palace, the Great Wall, the Nanshan Scenic Spot in Urumqi, and Shanghai Disneyland,Serving night scene projects of many international large-scale conferences such as Hangzhou G20, Xiamen BRICS National Summit, Shanghai cooperation Qingdao Summit, etc, and It is the source of power for landscape lighting projects, the hero behind the scenes.

Based on the development concept of "high efficiency, energy saving, maintenance-free", Leadpower is committed to becoming the most trusted power supplier in the power industry. Let's work together to create a better future, jointly to promote the popularization of green lighting and green energy, and make contributions to the protection of blue sky and clear water.

We thank you for your support and help, and are willing to be your most satisfied partner.

**100+**  
Patent certificate

**600+**  
Employees

**60+**  
R&D



**WE LEAD YOUR POWER!**

The company has built its own 20,000-square-meter fully automated production workshop, ISO9001, ISO14000 and SGS certified factories, and has been focusing on the research, development, manufacture and sales of display power supply, landscape lighting power supply, waterproof power supply and industrial control power supply for 22 years. The products cover more than 2,000 specifications and varieties, and are suitable for LED display, billboard, lighting, industrial automation, industrial control, communication, commercial use, transportation and emerging charging piles. The products fully meet the requirements of CCC certification and international safety regulations in China, which not only provides all-round power supply solutions, but also saves the time and cost of new product development and verification for clients, thus seizing market opportunities.

After years of persistence, Chenglian has built up a perfect distribution network and professional after-sales team.

- 1 Strong R&D capabilities
- 2 Quick delivery capability
- 3 Perfect after-sales service
- 4 Stable and reliable quality
- 5 Low cost

# CERTIFICATE



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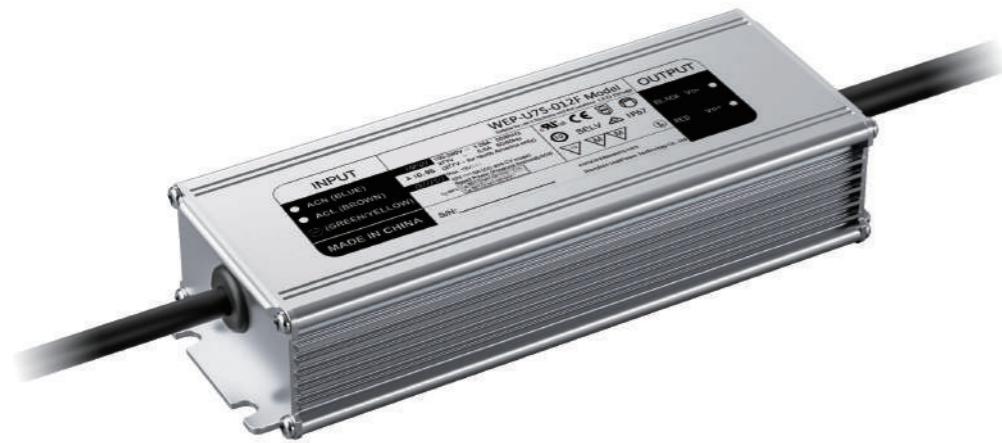
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### 30W 45W 60W Waterproof Dimming LED Driver

**LEADPOWER**

Constant Voltage

WAV Series



Size: 153 x 55 x 32mm



#### Product Parameter

PFC	PF > 0.95
Output Power	30W,45W,60W
IP Grade	IP66
Work Temperature	-30°C~+70°C
Storage Temperature	-40°C~+80°C
Safety Standards	UL8750/EN61347-1/EN61347-2-13/EN62384
EMC Standards	EN55015/EN61000-3-2/EN61000-3-3/EN61547/EN61000-4-2,3,4,5,6,811/FCC Part 15B
Protections	Output Short Circuit/Over Current/Over Voltage/Over Temperature
Cooling Method	Free Air Convection
Warranty	5 Years Warranty

Model	Output	Input Voltage	DC Output Voltage	Control	Efficiency
WAV-30H12-DP2	30W	AC90-305V	12V	DALI-2 & Push-Dim	>90%
WAV-30H24-DP2	30W	AC90-305V	24V	DALI-2 & Push-Dim	>91%
WAV-45H12-DP2	45W	AC90-305V	12V	DALI-2 & Push-Dim	>90%
WAV-45H24-DP2	45W	AC90-305V	24V	DALI-2 & Push-Dim	>91%
WAV-60H12-DP2	60W	AC90-305V	12V	DALI-2 & Push-Dim	>90%
WAV-60H24-DP2	60W	AC90-305V	24V	DALI-2 & Push-Dim	>91%
WAV-30H12-DH	30W	AC90-305V	12V	Triac / 0-10V/ 1-10V/ Potentiometer / 10V PWM ( 5 in 1 )	>90%
WAV-60H12-DH	60W	AC90-305V	12V	Triac / 0-10V/ 1-10V/ Potentiometer / 10V PWM ( 5 in 1 )	>90%

★ We could also provide customized service if you have other special requirements.

### 60W 75W Waterproof Dimming LED Driver

**LEADPOWER**

WAV Series



Size: 153 x 55 x 32mm



#### Product Parameter

PFC	PF > 0.95
Output Power	60W,75W
IP Grade	IP66
Work Temperature	-30°C~+70°C
Storage Temperature	-40°C~+80°C
Safety Standards	UL8750/EN61347-1/EN61347-2-13/EN62384
EMC Standards	EN55015/EN61000-3-2/EN61000-3-3/EN61547/EN61000-4-2,3,4,5,6,811/FCC Part 15B
Protections	Output Short Circuit/Over Current/Over Voltage/Over Temperature
Cooling Method	Free Air Convection
Warranty	5 Years Warranty

Model	Output	Input Voltage	DC Output Voltage	Control	Efficiency
WAV-60H12-DP2	60W	AC90-305V	12V	DALI-2 & Push-Dim	>90%
WAV-60H24-DP2	60W	AC90-305V	24V	DALI-2 & Push-Dim	>91%
WAV-75H12-DP2	75W	AC90-305V	12V	DALI-2 & Push-Dim	>90%
WAV-75H24-DP2	75W	AC90-305V	24V	DALI-2 & Push-Dim	>91%
WAV-60H12-DH	60W	AC90-305V	12V	Triac/ 0-10V/ 1-10V/ Potentiometer / 10V PWM ( 5 in 1 )	>90%
WAV-75H12-DH	75W	AC90-305V	12V	Triac/ 0-10V/ 1-10V/ Potentiometer / 10V PWM ( 5 in 1 )	>90%

★ We could also provide customized service if you have other special requirements.

## 100W 120W Waterproof Dimming LED Driver

LEADPOWER

WAV Series



Size: 180 x 63 x 35.5mm



### Product Parameter

PFC	PF > 0.95
Output Power	100W,120W
IP Grade	IP66
Work Temperature	-30°C~+70°C
Storage Temperature	-40°C~+80°C
Safety Standards	UL8750/EN61347-1/EN61347-2-13/EN62384
EMC Standards	EN55015/EN61000-3-2/EN61000-3-3/EN61547/EN61000-4-2,3,4,5,6,811/FCC Part 15B
Protections	Output Short Circuit/Over Current/Over Voltage/Over Temperature
Cooling Method	Free Air Convection
Warranty	5 Years Warranty

Model	Output	Input Voltage	DC Output Voltage	Control	Efficiency
WAV-100H12-DP2	100W	AC90-305V	12V	DALI-2 & Push-Dim	>90%
WAV-100H24-DP2	100W	AC90-305V	24V	DALI-2 & Push-Dim	>91%
WAV-120H12-DP2	120W	AC90-305V	12V	DALI-2 & Push-Dim	>90%
WAV-120H24-DP2	120W	AC90-305V	24V	DALI-2 & Push-Dim	>91%
WAV-100H12-DH	100W	AC90-305V	12V	Triac/ 0-10V/ 1-10V/ Potentiometer / 10V PWM (5 in 1)	>90%
WAV-120H12-DH	120W	AC90-305V	12V	Triac/ 0-10V/ 1-10V/ Potentiometer / 10V PWM (5 in 1)	>90%

★ We could also provide customized service if you have other special requirements.

## 150W 200W Waterproof Dimming LED Driver

LEADPOWER

WAV Series



Size: 199 x 63 x 35.5mm



### Product Parameter

PFC	PF > 0.95
Output Power	150W,200W
IP Grade	IP66
Work Temperature	-30°C~+70°C
Storage Temperature	-40°C~+80°C
Safety Standards	UL8750/EN61347-1/EN61347-2-13/EN62384
EMC Standards	EN55015/EN61000-3-2/EN61000-3-3/EN61547/EN61000-4-2,3,4,5,6,811/FCC Part 15B
Protections	Output Short Circuit/Over Current/Over Voltage/Over Temperature
Cooling Method	Free Air Convection
Warranty	5 Years Warranty

Model	Output	Input Voltage	DC Output Voltage	Control	Efficiency
WAV-150H12-DP2	150W	AC90-305V	12V	DALI-2 & Push-Dim	>90%
WAV-150H24-DP2	150W	AC90-305V	24V	DALI-2 & Push-Dim	>91%
WAV-200H12-DP2	200W	AC90-305V	12V	DALI-2 & Push-Dim	>90%
WAV-200H24-DP2	200W	AC90-305V	24V	DALI-2 & Push-Dim	>91%
WAV-150H12-DH	100W	AC90-305V	12V	Triac/ 0-10V/ 1-10V/ Potentiometer / 10V PWM (5 in 1)	>90%
WAV-200H12-DH	120W	AC90-305V	12V	Triac/ 0-10V/ 1-10V/ Potentiometer / 10V PWM (5 in 1)	>90%

★ We could also provide customized service if you have other special requirements.

## 300W 360W Waterproof Dimming LED Driver

LEADPOWER

### WAV Series



Size: 230 x 63 x 40mm



#### Product Parameter

PFC	PF > 0.95
Output Power	300W,360W
IP Grade	IP66
Work Temperature	-30°C~+70°C
Storage Temperature	-40°C~+80°C
Safety Standards	UL8750/EN61347-1/EN61347-2-13/EN62384
EMC Standards	EN55015/EN61000-3-2/EN61000-3-3/EN61547/EN61000-4-2,3,4,5,6,811/FCC Part 15B
Protections	Output Short Circuit/Over Current/Over Voltage/Over Temperature
Cooling Method	Free Air Convection
Warranty	5 Years Warranty

Model	Output	Input Voltage	DC Output Voltage	Control	Efficiency
WAV-300H12-DP2	300W	AC90-305V	12V	DALI-2 & Push-Dim	>90%
WAV-300H24-DP2	300W	AC90-305V	24V	DALI-2 & Push-Dim	>91%
WAV-360H12-DP2	360W	AC90-305V	12V	DALI-2 & Push-Dim	>90%
WAV-360H24-DP2	360W	AC90-305V	24V	DALI-2 & Push-Dim	>91%
WAV-300H12-DH	300W	AC90-305V	12V	Triac/ 0-10V/ 1-10V/ Potentiometer / 10V PWM (5 in 1)	>90%
WAV-360H12-DH	360W	AC90-305V	12V	Triac/ 0-10V/ 1-10V/ Potentiometer / 10V PWM (5 in 1)	>90%

★ We could also provide customized service if you have other special requirements.

## 36W Build-in Dimming LED Driver

LEADPOWER

### BCV Series



Size: 155 x 54 x 20mm



#### Product Parameter

PFC	PF > 0.95
Output Power	36W
IP Grade	IP20
Work Temperature	-25°C~+45°C
Storage Temperature	-40°C~+80°C
Safety Standards	EN61347-1/EN61347-2-13
EMC Standards	EN55015/EN61547
Protections	Output Short Circuit/Over Current/Over Voltage/Over Temperature
Cooling Method	Free Air Convection
Warranty	5 Years Warranty

Model	Output	Input Voltage	DC Output Voltage	Control	Efficiency
BCV-36H12-DP2	36W	AC90-264V	12V	DALI-2 & Push-Dim	≥86%
BCV-36H24-DP2	36W	AC90-264V	24V	DALI-2 & Push-Dim	≥87%
BCV-36H12-DH	36W	AC90-264V	12V	Triac/ 0-10V/ 1-10V/ Potentiometer / 10V PWM (5 in 1)	≥86%
BCV-36H24-DH	36W	AC90-264V	24V	Triac/ 0-10V/ 1-10V/ Potentiometer / 10V PWM (5 in 1)	≥87%

★ We could also provide customized service if you have other special requirements.

## 60W Build-in Dimming LED Driver

LEADPOWER

BCV Series



Size: 212 x 56 x 24mm



### Product Parameter

PFC	PF > 0.95
Output Power	60W
IP Grade	IP20
Work Temperature	-25 °C~+45°C
Storage Temperature	-40 °C~+80°C
Safety Standards	EN61347-1/EN61347-2-13
EMC Standards	EN55015/EN61547
Protections	Output Short Circuit/Over Current/Over Voltage/Over Temperature
Cooling Method	Free Air Convection
Warranty	3 Years Warranty

Model	Output	Input Voltage	DC Output Voltage	Control	Efficiency
BCV-60H12-DP2	60W	AC90-264V	12V	DALI-2 & Push-Dim	≥86%
BCV-60H24-DP2	60W	AC90-264V	24V	DALI-2 & Push-Dim	≥87%
BCV-60H12-DH	60W	AC90-264V	12V	Triac/ 0-10V/ 1-10V/ Potentiometer / 10V PWM ( 5 in 1 )	≥86%
BCV-60H24-DH	60W	AC90-264V	24V	Triac/ 0-10V/ 1-10V/ Potentiometer / 10V PWM ( 5 in 1 )	≥87%

★ We could also provide customized service if you have other special requirements.

## 100W Build-in Dimming LED Driver

LEADPOWER

BCV Series



Size: 212 x 56 x 24mm



### Product Parameter

PFC	PF > 0.95
Output Power	100W
IP Grade	IP20
Work Temperature	-25 °C~+45°C
Storage Temperature	-40 °C~+80°C
Safety Standards	EN61347-1/EN61347-2-13
EMC Standards	EN55015/EN61547
Protections	Output Short Circuit/Over Current/Over Voltage/Over Temperature
Cooling Method	Free Air Convection
Warranty	5 Years Warranty

Model	Output	Input Voltage	DC Output Voltage	Control	Efficiency
BCV-100H12-DP2	100W	AC90-264V	12V	DALI-2 & Push-Dim	≥86%
BCV-100H24-DP2	100W	AC90-264V	24V	DALI-2 & Push-Dim	≥87%
BCV-100H12-DH	100W	AC90-264V	12V	Triac/ 0-10V/ 1-10V/ Potentiometer / 10V PWM ( 5 in 1 )	≥86%
BCV-100H24-DH	100W	AC90-264V	24V	Triac/ 0-10V/ 1-10V/ Potentiometer / 10V PWM ( 5 in 1 )	≥87%

★ We could also provide customized service if you have other special requirements.

## 36W Build-in Dimming LED Driver

LEADPOWER

BBV Series



Size: 260 x 30 x 18.5mm



### Product Parameter

PFC	PF > 0.95
Output Power	36W
IP Grade	IP20
Work Temperature	-25 °C ~ +45 °C
Storage Temperature	-40 °C ~ +80 °C
Safety Standards	EN61347-1/EN61347-2-13
EMC Standards	EN55015/EN61547
Protections	Output Short Circuit/Over Current/Over Voltage/Over Temperature
Cooling Method	Free Air Convection
Warranty	3 Years Warranty

Model	Output	Input Voltage	DC Output Voltage	Control	Efficiency
BBV-36H12-DP2	36W	AC180-264V	12V	DALI-2 & Push-Dim	≥ 90%
BBV-36H24-DP2	36W	AC180-264V	24V	DALI-2 & Push-Dim	≥ 91%
BBV-36H12-DH	36W	AC180-264V	12V	Triac/ 0-10V/ 1-10V/ Potentiometer / 10V PWM ( 5 in 1 )	≥ 90%
BBV-36H24-DH	36W	AC180-264V	24V	Triac/ 0-10V/ 1-10V/ Potentiometer / 10V PWM ( 5 in 1 )	≥ 91%

★ We could also provide customized service if you have other special requirements.

## 60W Build-in Dimming LED Driver

LEADPOWER

BBV Series



Size: 300 x 32 x 20mm



### Product Parameter

PFC	PF > 0.95
Output Power	60W
IP Grade	IP20
Work Temperature	-25 °C ~ +45 °C
Storage Temperature	-40 °C ~ +80 °C
Safety Standards	EN61347-1/EN61347-2-13
EMC Standards	EN55015/EN61547
Protections	Output Short Circuit/Over Current/Over Voltage/Over Temperature
Cooling Method	Free Air Convection
Warranty	3 Years Warranty

Model	Output	Input Voltage	DC Output Voltage	Control	Efficiency
BBV-60H12-DP2	60W	AC180-264V	12V	DALI-2 & Push-Dim	≥ 90%
BBV-60H24-DP2	60W	AC180-264V	24V	DALI-2 & Push-Dim	≥ 91%
BBV-60H12-DH	60W	AC180-264V	12V	Triac/ 0-10V/ 1-10V/ Potentiometer / 10V PWM ( 5 in 1 )	≥ 90%
BBV-60H24-DH	60W	AC180-264V	24V	Triac/ 0-10V/ 1-10V/ Potentiometer / 10V PWM ( 5 in 1 )	≥ 91%

★ We could also provide customized service if you have other special requirements.

### 30W 50W Polar Dimming LED Driver

LEADPOWER

PAV Series



Size: 180 x 43 x 42mm



#### Product Parameter

PFC	PF > 0.95
Output Power	30W,50W
IP Grade	IP67
Work Temperature	-60°C~+55°C
Storage Temperature	-60°C~+80°C
Safety Standards	UL8750/EN61347-1/EN61347-2-13/EN62384
Isolation Resistance	I/P-O/P: 100M Ohms / 500VDC / 25°C/ 70% RH
EMC Mmission	Compliance to EN55015, EN61000-3-2 Class C ( 75% load); EN61000-3-3, GB17743, GB17625.1, EAC TP TC 020.
EMC Immunity	Compliance to EN61000-4-2,3,4,5,6,8,11; EN61547, light industry level(surge immunity:Line-Line:1KV), EAC TP TC 020.
Protections	Output Short Circuit/Over Current/Over Voltage/Over Temperature
Cooling Method	Free Air Convection
Warranty	5 Years Warranty

Model	Output	Input Voltage	DC Output Voltage	Control	Efficiency
PAV-30HXX-DP2	30W	AC90-305V	85-170V	DALI-2 & Push-Dim	≥ 86%
PAV-50HXX-DP2	50W	AC90-305V	85-170V	DALI-2 & Push-Dim	≥ 86%
PAV-30HXX-DH	30W	AC90-305V	60-90V	Triac/ 0-10V/ 1-10V/ Potentiometer / 10V PWM ( 5 in 1 )	≥ 86%
PAV-50HXX-DH	50W	AC90-305V	60-90V	Triac/ 0-10V/ 1-10V/ Potentiometer / 10V PWM ( 5 in 1 )	≥ 86%

★ We could also provide customized service if you have other special requirements.

### 30W 50W Polar LED Driver

LEADPOWER

PAV Series



Size: 180 x 43 x 42mm



#### Product Parameter

PFC	PF > 0.95
Output Power	30W,50W
IP Grade	IP67
Work Temperature	-60°C~+55°C
Storage Temperature	-60°C~+80°C
Safety Standards	UL8750/EN61347-1/EN61347-2-13/EN62384
Isolation Resistance	I/P-O/P: 100M Ohms / 500VDC / 25°C/ 70% RH
EMC Mmission	Compliance to EN55015, EN61000-3-2 Class C ( 75% load); EN61000-3-3, GB17743, GB17625.1, EAC TP TC 020.
EMC Immunity	Compliance to EN61000-4-2,3,4,5,6,8,11; EN61547, light industry level(surge immunity:Line-Line:1KV), EAC TP TC 020.
Protections	Output Short Circuit/Over Current/Over Voltage/Over Temperature
Cooling Method	Free Air Convection
Warranty	5 Years Warranty

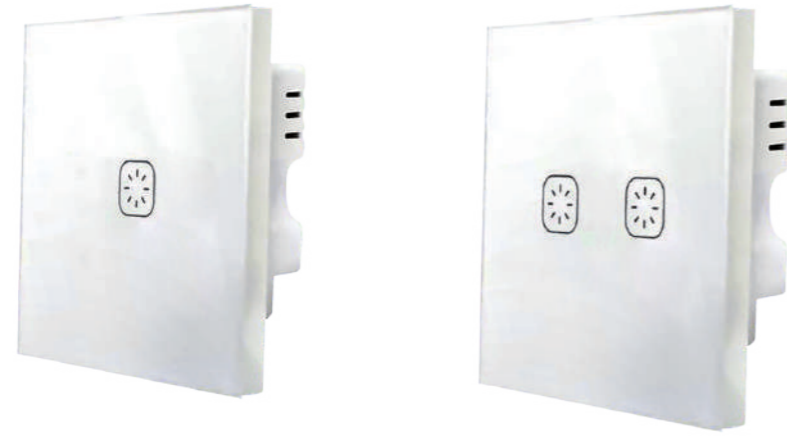
Model	Output Power	Input Voltage	DC Output Voltage	Efficiency
PAV-30HXX	30W	AC90-305V	80-120V	≥ 86%
PAV-50HXX	50W	AC90-305V	80-120V	≥ 86%

★ We could also provide customized service if you have other special requirements.

## LED Touch Controller

**LEADPOWER**

FCB Series



Size: 86 x 86 x 40mm



### Product Parameter

Work Temperature	-10 °C~+40°C
Storage Temperature	-20 °C~+55°C
Safety Standards	EN61347-1/EN61347-2-13
EMC Standards	EN55015/EN61547
Warranty	5 Years Warranty

Model	Controller	Input	Output	Channel
FCB-AC-T1	0-10V Dimmer	AC100-265V	0-10V,50mA	1CH
FCB-AC-T2	0-10V Dimmer	AC100-265V	0-10V,50mA	2CH
FCB-AC-D1	DALI Dimmer	AC100-265V	16V(± 5%) 65mA	1CH
FCB-AC-D2	DALI Dimmer	AC100-265V	16V(± 5%) 65mA	2CH

★ We could also provide customized service if you have other special requirements.

## LED Knob Controller

**LEADPOWER**

FCK Series



Size: 86 x 86 x 50mm



### Product Parameter

Work Temperature	-10 °C~+40°C
Storage Temperature	-20 °C~+55°C
Safety Standards	EN61347-1/EN61347-2-13
EMC Standards	EN55015/EN61547
Warranty	5 Years Warranty

Model	Controller	Input	Output	Channel
FCK-AC-T1	0-10V Dimmer	AC100-265V	0-10V,50mA	1CH
FCK-AC-T2	AC DALI Dimmer	AC100-265V	16V(± 5%) 65mA	1CH

★ We could also provide customized service if you have other special requirements.