



# LED Driver



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Public Account



Website



Tiktok

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# 2023 LED Driver

# FUAN ELECTRONICS | PAIRUI

Founded in 1986

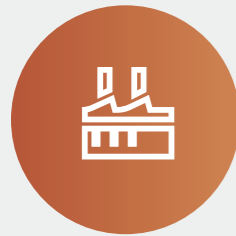
Focus on the electronics manufacturing industry, integrated with R&D, production, and sales. Provide a one-stop solution for magnetic components and intelligent power supplies for our customers.

36 yrs  
History

52000 m<sup>2</sup>  
Area

600+  
Employees

55 million  
Annual Sales



2 Factory



5 Offices



60+ R&D Staff



## Company Introduction

Based on the model design platform and the production of magnetic components, the company features the synchronous development of power supply products and onboard magnetic components, forming a product line with more reliable performance, more stable quality, and more advanced technology. Adhering to the "ocean, innovation, international competitiveness" business philosophy, cooperate with customers to develop electronic products that can improve people's quality of life, make life safer, more healthy, and environmentally.

- Fuan is the only inductor industry leader with mass production of common mode differential mode inductors in China;
- It is the guider of low-power AC/DC communication module power supply;
- Fuan is the Top Ten Driving Power Supply Enterprises in the Lighting Appliance Industry of China in 2021;
- Fuan has won the title of "National High-tech Enterprise", "National Famous Brand in Anhui Province", "Tianchang City Mayor Quality Award", "Specialized and Special New Enterprise", "National Science and Technology Small and Medium-sized Enterprises", "Second Prize of Chuzhou Innovation and Entrepreneurship Competition" and "Chuzhou 113 Talent Award".

### Tianchang Factory

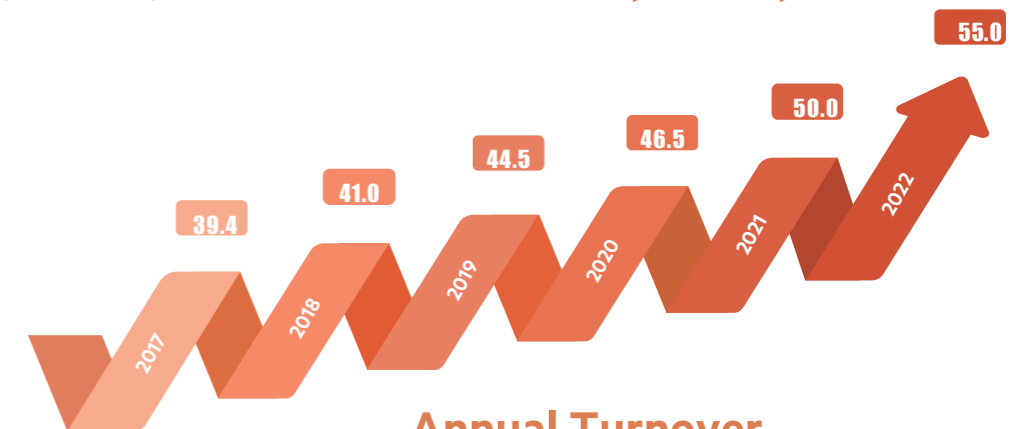
Monthly Production Capacity  
of Magnetic Components

14,000,000 pcs

### Nantong Factory

Monthly Production Capacity  
of Power Supply

6,000,000 pcs

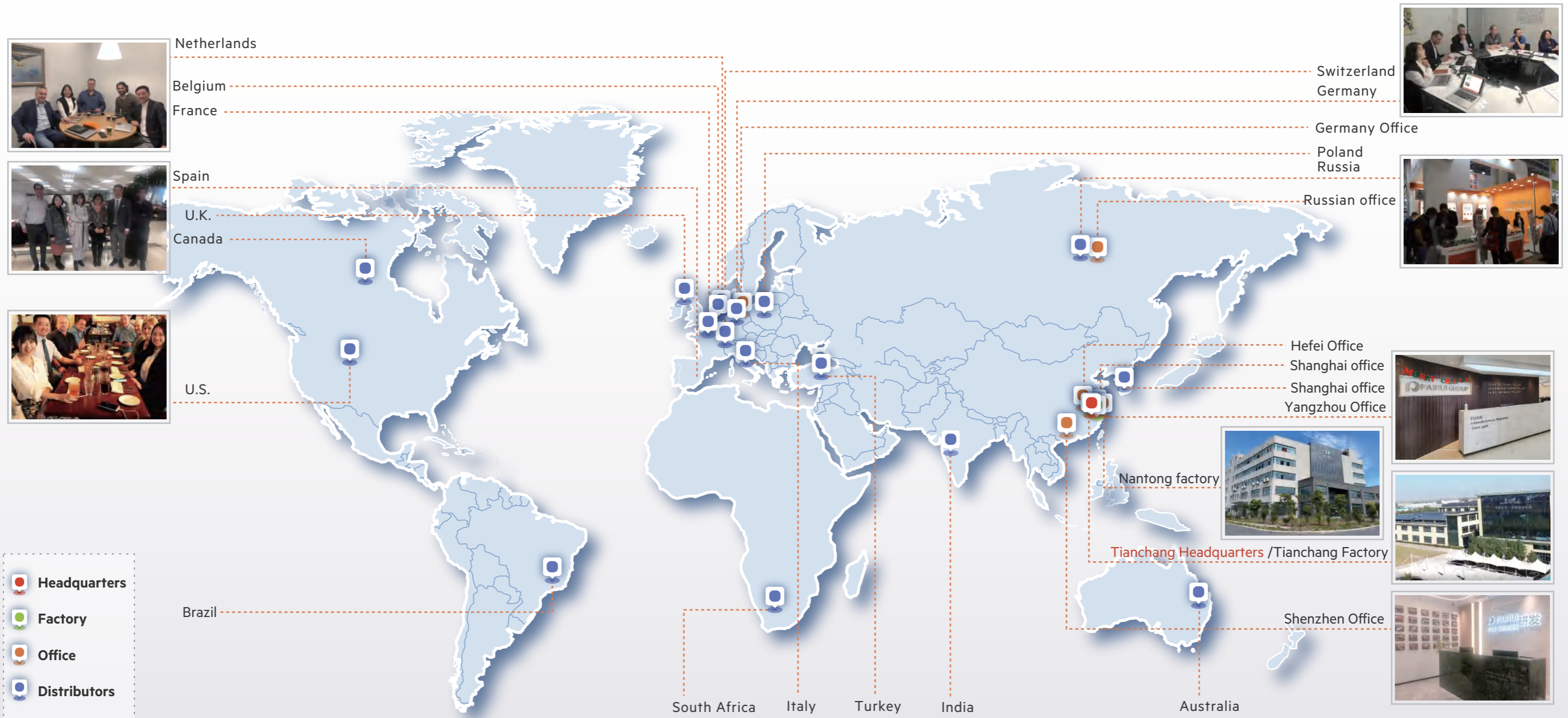


### Annual Turnover

Year 2017-2022 (unit: USD/Million)



# Fuan Global



# Historical evolution



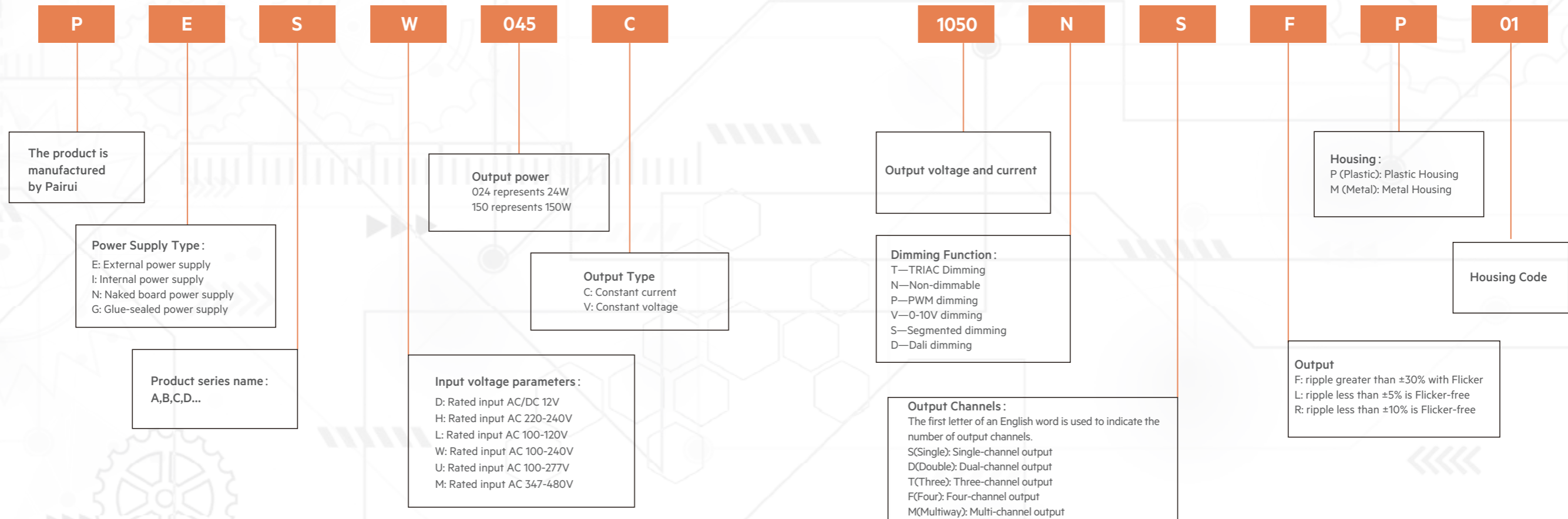


# Application case



# Encoding Rules V1.0

## Encoding Rules



Example: PEAW045C1050NSFP01, this power supply is produced by Pairui, suitable for external power supply, A series, rated input AC AC100 ~ 240V, output power is 45W, constant current output current is DC1050mA, Non-dimming, single output, with strobe shell P01.



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## 02

### /part

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### /part

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## 04

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# 01

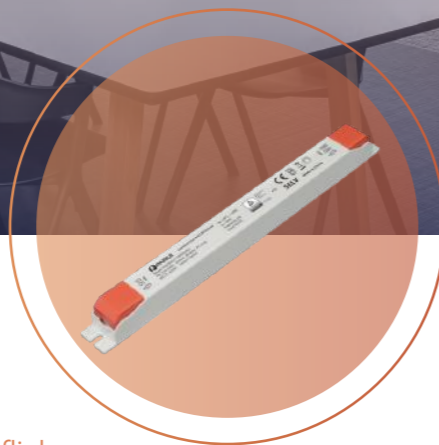


## European Standard Panel Light/Classroom Eye-protection Lamp Power Supply



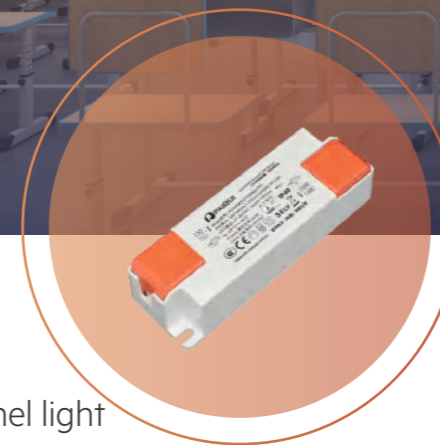
### Plastic Housing External Economy/ Cost-effective Type

- 15-45W
- Double-staged no flicker
- Switch function



### Plastic Housing External Slim Type

- 15-45W
- Suitable for direct type panel light
- Switch function
- 1-10V dimming



### Plastic Housing External Enhanced Type

- 15-45W
- 1-10V dimming (15W-40W)
- Triac dimming (15W-40W)



### Plastic Housing Waterproof Type

- 12-45W
- Silicone potting
- IP65 Waterproof grade
- Switch function





# PEAH-B Series

Plastic Housing External Constant Current Switch Driver  
(Enhanced Type)

15-45W

## Product Features

- Plastic housing isolated double-staged flicker-free design
- Flicker-free output, which meets the requirement of ErP standard
- High PF, high efficiency, low THD
- Class II design, suitable for use outside of light
- Power ON time < 0.5s
- With short-circuit protection and over-current protection



## Parameters

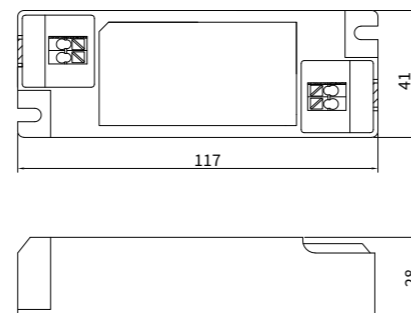
Model No.	Rated Power	Input Voltage	Output Current	Output Voltage	PF	Full Load Efficiency	Dimension (mm)
PEAH020C-NSLPB1	20W	220-240V	500mA	29 -43V	0.9	85%	117*41*28
PEAH025C-NSLPB1	25W	220-240V	600mA	27 -42V	0.95	86%	117*41*28
PEAH030C-NSLPB1	30W	220-244V	700mA	27 -42V	0.95	87%	117*41*28
PEAH035C-NSLPB1	35W	220-250V	800mA	27 -42V	0.95	88%	117*41*28
PEAH040C-NSLPB1	40W	220-260V	900/950mA	27 -42V	0.95	88%	117*41*28
PEAH045C-NSLPB1	45W	220-267V	1000/1050mA	27 -40V	0.95	88%	117*41*28

※If you have other parameter requirements, please consult our sales staff

## Specifications

- Limited Voltage 176-277VAC
- THD 10%
- Output Current Accuracy ±5%
- Ripple Current ±3%
- Ta -25°C-+45°C
- Surge L-N:2KV
- Warranty 5 years
- Protection Class IP40
- Protective Functions Open-circuit protection and short-circuit protection.

## Dimension



# PEBH-B Series

Plastic Housing External Constant Current Switch Driver  
(Economy Type)

15-45W

## Product Features

- Plastic housing Isolated double-staged flicker-free design
- Flicker-free output, which meets the requirement of ErP standard
- High PF, high efficiency, low THD
- Class II design, suitable for use outside of light
- Power ON time < 0.5s
- With Short-circuit protection and over-current protection



## Parameters

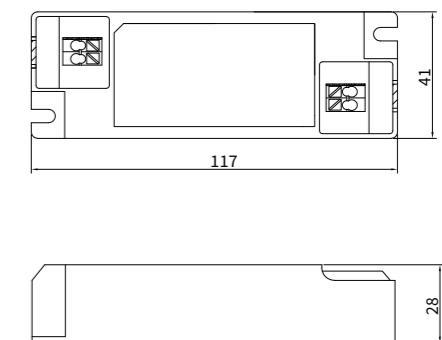
Model No.	Rated Power	Input Voltage	Output Current	Output Voltage	PF	Full Load Efficiency	Dimension (mm)
PEBH020C-NSLPB1	20W	220-240V	500mA	29-43V	0.9	85%	117*41*28
PEBH025C-NSLPB1	25W	220-240V	600mA	27-42V	0.95	86%	117*41*28
PEBH030C-NSLPB1	30W	220-240V	700mA	27-42V	0.95	87%	117*41*28
PEBH035C-NSLPB1	35W	220-240V	800mA	27-42V	0.95	88%	117*41*28
PEBH040C-NSLPB1	40W	220-240V	900/950mA	27-42V	0.95	88%	117*41*28
PEBH045C-NSLPB1	45W	220-240V	1000/1050mA	27-40V	0.95	88%	117*41*28

※If you have other parameter requirements, please consult our sales staff

## Specifications

- Limited Voltage 176-277VAC
- THD 10%
- Output Current Accuracy ±5%
- Ripple Current ±3%
- Ta -25°C-+45°C
- Surge L-N:2KV
- Warranty 5 years
- Protection Class IP40
- Protective Functions Open-circuit protection and short-circuit protection.

## Dimension



# PEAH-A Series

Plastic Housing External Constant Current Switch Driver / **50-60W**

## Product Features

- Plastic housing isolated flicker-free design
- flicker-free output, which meets the requirement of ErP standard
- High PF, high efficiency, low THD
- Power ON time < 0.5s
- With short-circuit protection and over-current protection



FLICKER FREE



## Parameters

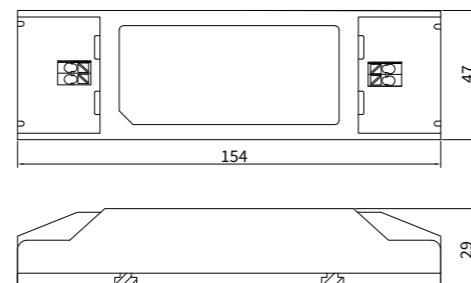
Model No.	Rated Power	Input Voltage	Output Current	Output Voltage	PF	Full Load Efficiency	Dimension (mm)
PEAH050C-NSLPA3	50W	220-240V	1200mA	27-42V	0.95	89%	154*47*29
PEAH060C-NSLPA3	60W	220-240V	1450mA	27-40V	0.95	90%	154*47*29

※If you have other parameter requirements, please consult our sales staff

## Specifications

- Limited Voltage 198-264VAC
- THD < 20%
- Output Current Accuracy ±5%
- Ripple Current ±3%
- Ta -25°C-+50°C
- Surge L-N:2KV
- Warranty 5 years
- Protection Class IP20
- Protective Functions Open-circuit protection and short-circuit protection.

## Dimension



# PEXH-B Series

Plastic Housing External Constant Current Dimmable Driver (TRIAIC) / **20-40W**

## Product Features

- Plastic housing isolated flicker-free design
- Flicker-free output, which meets the requirement of ErP standard
- Triac dimming
- High PF, high efficiency, low THD
- Class II design, suitable for use outside of light
- Power ON time < 0.5s
- With short-circuit protection and over-current protection



FLICKER FREE



## Parameters

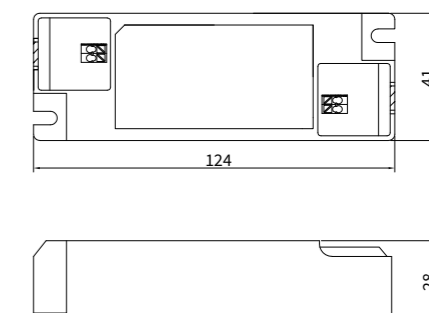
Model No.	Rated Power	Input Voltage	Output Current	Output Voltage	PF	Full Load Efficiency	Dimension (mm)
PEXH020C-TSRPB2	20W	220-240V	300-500mA	25-40V	0.95	84%	124*41*28
PEXH030C-TSRPB2	30W	220-240V	550-700mA	25-40V	0.95	84%	124*41*28
PEXH040C-TSRPB2	40W	220-240V	750-1000mA	25-40V	0.95	86%	124*41*28

※If you have other parameter requirements, please consult our sales staff

## Specifications

- Limited Voltage 198-264VAC
- THD 10%
- Output Current Accuracy ±5%
- Ripple Current ±10%
- Ta -25°C-+50°C
- Surge L-N:2KV
- Warranty 5 years
- Protection Class IP40
- Protective Functions Open-circuit protection and short-circuit protection.

## Dimension





# PEKH-G Series

Plastic Housing External Constant Current Switch Driver  
(Slim Type)

25-45W

## Product Features

- Plastic housing isolated flicker-free design
- flicker-free output, which meets the requirement of ErP standard
- High PF, high efficiency, low THD
- Class II design, suitable for use outside of light
- Power ON time < 0.5s
- With short-circuit protection and over-current protection



## Parameters

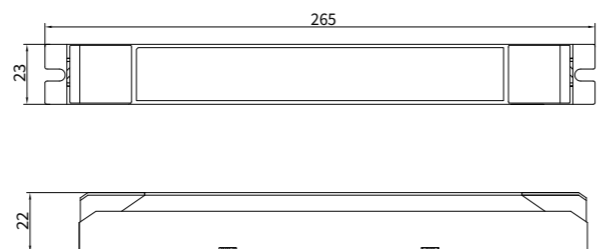
Model No.	Rated Power	Input Voltage	Output Current	Output Voltage	PF	Full Load Efficiency	Dimension (mm)
PEKH025C-NSLPG1	25W	220-240V	600mA	27-42V	0.9	82%	265*23*22
PEKH030C-NSLPG1	30W	220-240V	700mA	27-42V	0.9	84%	265*23*22
PEKH035C-NSLPG1	35W	220-240V	800mA	27-42V	0.9	84%	265*23*22
PEKH040C-NSLPG1	40W	220-240V	900/950mA	27-42V	0.9	85%	265*23*22
PEKH045C-NSLPG1	45W	220-240V	1000/1050mA	27-42V	0.9	85%	265*23*22

※If you have other parameter requirements, please consult our sales staff

## Specifications

- Limited Voltage 176-277VAC
- THD 10%
- Output Current Accuracy ±5%
- Ripple Current ±3%
- Ta -25°C-+50°C
- Surge L-N:2KV
- Warranty 5 years
- Protection Class IP20
- Protective Functions Open-circuit protection and short-circuit protection.

## Dimension



# PEAH-G Series

Plastic Housing External Constant Current Dimmable Driver  
(1-10V)

15-45W

## Product Features

- Plastic housing isolated flicker-free design
- Flicker-free output, which meets the requirement of ErP standard
- 1-10V dimming
- High PF, high efficiency, low THD
- Class II design, suitable for use outside of light
- Power ON time < 0.5s
- With short-circuit protection and over-current protection



## Parameters

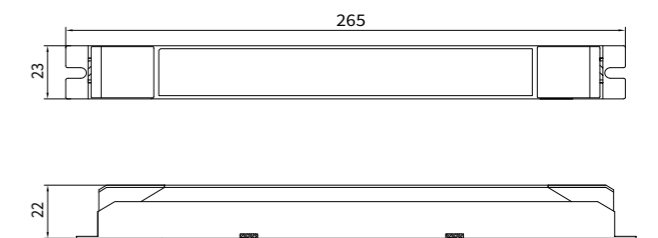
Model No.	Rated Power	Input Voltage	Output Current	Output Voltage	PF	Full Load Efficiency	Dimension (mm)
PEAH020C-VSRPG1	20W	220-240V	500mA	27-42V	0.9	82%	265*23*22
PEAH025C-VSRPG1	25W	220-240V	600mA	27-42V	0.9	82%	265*23*22
PEAH030C-VSRPG1	30W	220-240V	700mA	27-42V	0.9	84%	265*23*22
PEAH035C-VSRPG1	35W	220-240V	800mA	27-42V	0.9	84%	265*23*22
PEAH040C-VSRPG1	40W	220-240V	900/950mA	27-42V	0.9	85%	265*23*22
PEAH045C-VSRPG1	45W	220-240V	1000/1050mA	27-42V	0.9	85%	265*23*22

※If you have other parameter requirements, please consult our sales staff

## Specifications

- Limited Voltage 198-264VAC
- THD 10%
- Output Current Accuracy ±5%
- Ripple Current ±5%
- Ta -25°C-+50°C
- Surge L-N:2KV
- Warranty 5 years
- Protection Class IP20
- Protective Functions Open-circuit protection and short-circuit protection.

## Dimension



# PGBH-D Series

Plastic Housing External Constant Current Switch Driver (IP65)

12-40W

## Product Features

- Plastic housing isolated flicker-free design
- Flicker-free output, which meets the requirement of ErP standard
- IP65 Waterproof protection
- High PF, high efficiency, low THD
- Class II design, suitable for use outside of light
- Power ON time < 0.5s
- With short-circuit protection and over-current protection



## Parameters

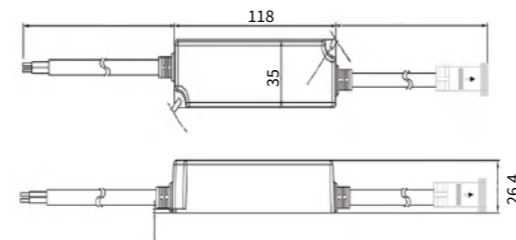
Model No.	Rated Power	Input Voltage	Output Current	Output Voltage	PF	Dimension (mm)
PGBH012C-NSLPD1	12W	220-240V	300-450mA	27-42V	0.9	118*35*26.4
PGBH020C-NSLPD1	20W	220-240V	400-500mA	27-42V	0.9	118*35*26.4
PGBH030C-NSLPD1	30W	220-240V	550-700mA	27-42V	0.95	118*35*26.4
PGBH040C-NSLPD1	40W	220-240V	750-1050mA	27-42V	0.95	118*35*26.4

※If you have other parameter requirements, please consult our sales staff

## Specifications

- Limited Voltage 198-264VAC
- THD 10%
- Output Current Accuracy ±5%
- Ripple Current ±5%
- Ta -25°C-+45°C
- Surge L-N:2KV
- Warranty 5 years
- Protection Class IP65
- Protective Functions Open-circuit protection and short-circuit protection.

## Dimension



# FEAH-X Series

Plastic Housing External Constant Current Dimmable Driver (DT6)

15-60W

## Product Features

- Support DALI and PUSH dimming
- DIP switch, multiple current optional
- Flicker-free output, meet the requirement of ErP standard
- Dimming range 1%-100%,output current accuracy 3%
- Cables are tightly pressed against the end cover, more reliable crimping
- SELV and Class I design,suitable for use outside of the light
- High PF, 7% low THD,high efficiency
- Power ON time<0.7s
- With short-circuit protection and over-current protection



## Parameters

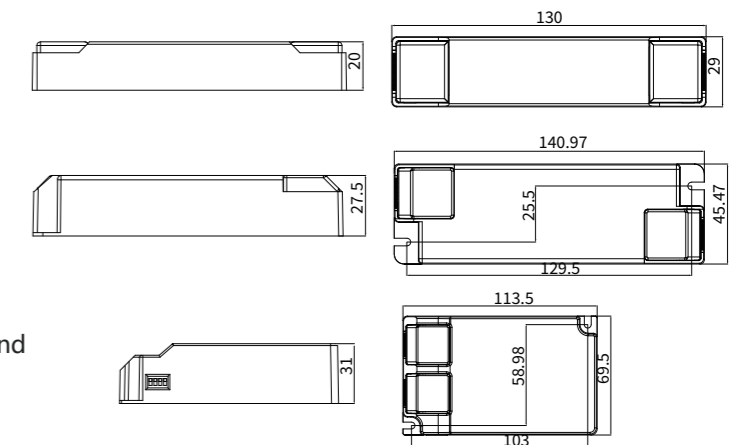
Model No.	Rated Power	Input Voltage	Output Current	Output Voltage	PF	Full Load Efficiency	Dimension (mm)
FEAH015C-DSLXP1	14W	220-240V	100-350mA	12-42V	0.9	82%	130*29*20
FEAH045C-DSLXP2	45W	220-240V	400-1050mA	12-42V	0.95	89%	141*45.5*27.5
FEAH060C-DSLXP3	60W	220-240V	1100-1600mA	12-42V	0.95	90%	113.5*69.5*31

※If you have other parameter requirements, please consult our sales staff

## Specifications

- Limited Voltage 198-264VAC
- THD 10%
- Output Current Accuracy ±3%
- Ripple Current ±3%
- Ta -20°C-+60°C
- Surge L-N:2KV
- Warranty 5 years
- Protection Class IP20
- Protective Functions Open-circuit protection and short-circuit protection.

## Dimension





# FEBH-T Series

Plastic Housing External Constant Current Switch Driver **10-45W**

## Product Features

- Plastic housing isolated flicker-free design
- 4-level DIP switch, multiple current optional
- Flicker-free output, meet the requirement of ErP standard
- High PF, low THD, high efficiency
- Class II design, suitable for use inside of the light
- Power ON time < 0.5s
- With short-circuit protection and over-current protection



## Parameters

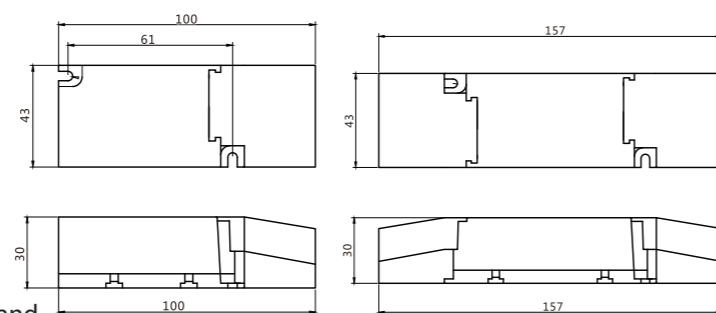
Model No.	Rated Power	Input Voltage	Output Current	Output Voltage	PF	Full Load Efficiency	Dimension (mm)
FEBH010C-NSLPT1	10W	220-240V	300-450mA	27-40V	0.95	84%	100*43*30
FEBH025C-NSLPT2	25W	220-240V	500-650mA	27-40V	0.95	86%	157*43*30
FEBH035C-NSLPT2	35W	220-240V	700-850mA	27-40V	0.95	87%	157*43*30
FEBH045C-NSLPT2	45W	220-240V	900-1050mA	27-40V	0.95	88%	157*43*30

※If you have other parameter requirements, please consult our sales staff

## Specifications

- Limited Voltage: 198-264VAC
- THD: 10%
- Output Current Accuracy: ±5%
- Ripple Current: ±5%
- Ta: -25°C-+50°C
- Surge: L-N:2KV
- Warranty: 5 years
- Protection Class: IP20
- Protective Functions: Open-circuit protection and short-circuit protection.

## Dimension

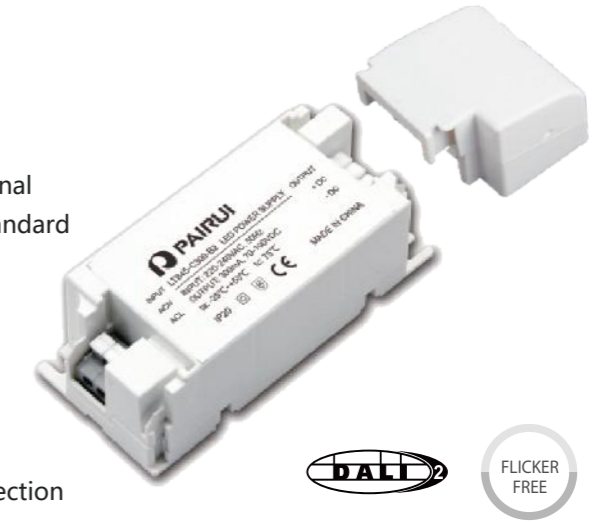


# FEMH-T Series

Plastic Housing External Constant Current Dimmable Driver (DT6) **10-45W**

## Product Features

- Plastic housing isolated compact design
- Multiple DIP switch optional, multiple current optional
- Flicker-free output, meet the requirement of ErP standard
- Support DALI-2/PUSH DIM dimming
- Dimming range 1%-100%
- Smooth dimming curve
- High PF, low THD, high efficiency
- Class II design, suitable for use outside of the light
- Power ON time < 0.5s
- With short-circuit protection and over-current protection



## Parameters

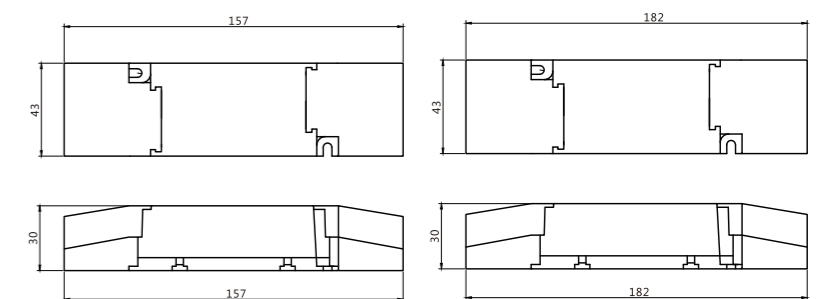
Model No.	Rated Power	Input Voltage	Output Current	Output Voltage	PF	Full Load Efficiency	Dimension (mm)
FEMH015C-DSLPT2	14W	220-240V	100-350mA	12-42V	0.9	82%	157*43*30
FEMH045C-DSLPT3	45W	220-240V	400-1050mA	12-42V	0.95	89%	182*43*30

※If you have other parameter requirements, please consult our sales staff

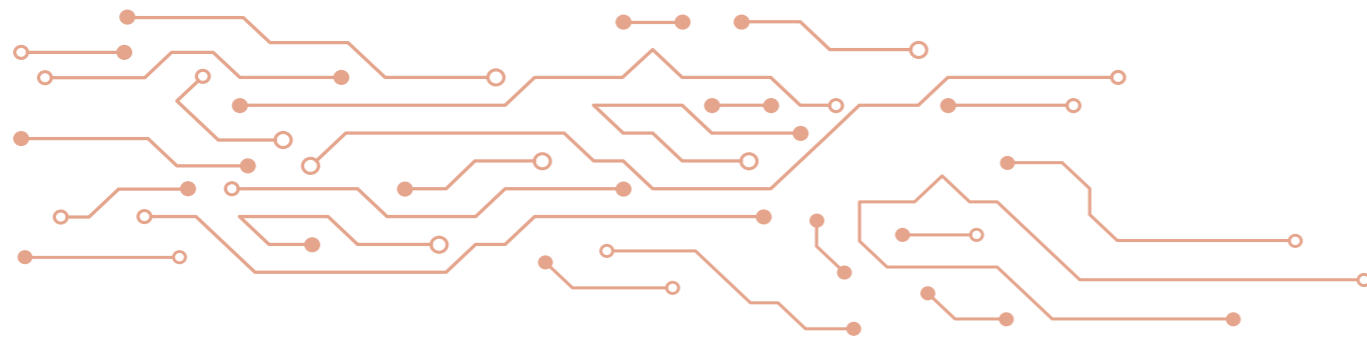
## Specifications

- Limited Voltage: 198-264VAC
- THD: 10%
- Output Current Accuracy: ±5%
- Ripple Current: ±5%
- Ta: -25°C-+50°C
- Surge: L-N:2KV
- Warranty: 5 years
- Protection Class: IP20
- Protective Functions: Open-circuit protection and short-circuit protection.

## Dimension





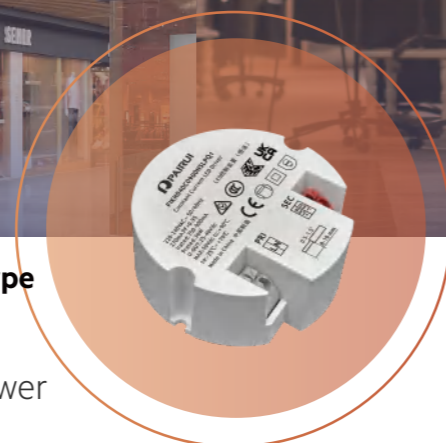


## European Standard Downlight/Spot Light/ Track Light/Wall Light Power Supply



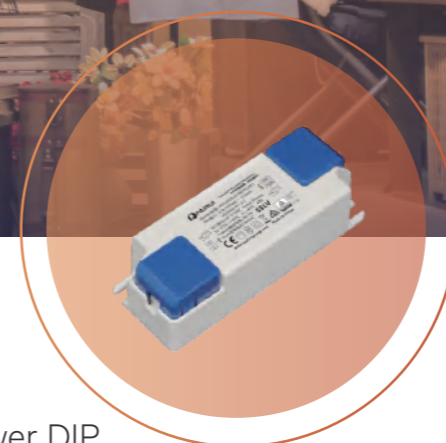
### Rectangular Built-in Type

- 10-45W
- Multi-Switching Power DIP optional
- Switch function
- DALI(DT6)+PUSH dimming



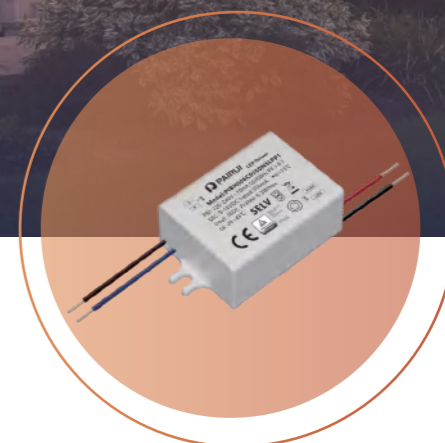
### Round Built-in Type

- 28-36W
- Semi-filling design
- Multi-Switching Power DIP option
- TA:70 °C



### External Economy Type

- 3-20W
- Switch function
- European ErP standard



### Mini Built-in Type

- 3-12W
- Silicone potting
- IP44 optional





# FIBH-T Series

Plastic Housing Built-in Constant Current Switch Driver / **10-45W**

## Product Features

- Plastic housing isolated compact design
- 4-level DIP switch, multiple current optional
- Flicker-free output, meet the requirement of ErP standard
- High PF, high efficiency, low THD
- Class II design, suitable for use inside of the lighting fixture
- Power ON time < 0.5s
- With short-circuit protection and over-current protection



## Parameters

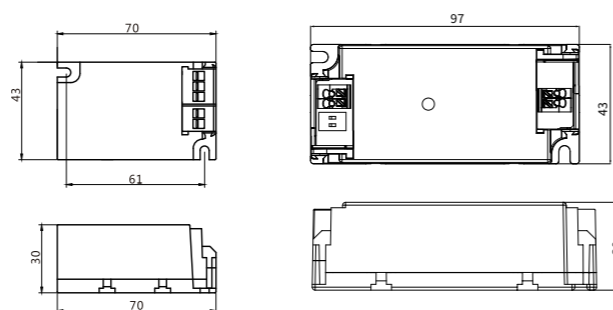
Model No.	Rated Power	Input Voltage	Output Current	Output Voltage	PF	Full Load Efficiency	Dimension (mm)
FIBH010C-NSLPT1	10W	220-240V	300-450mA	27-40V	0.95	84%	70*43*30
FIBH025C-NSLPT2	25W	220-240V	500-650mA	27-40V	0.95	86%	97*43*30
FIBH035C-NSLPT2	35W	220-240V	700-850mA	27-40V	0.95	87%	97*43*30
FIBH045C-NSLPT2	45W	220-240V	900-1050mA	27-40V	0.95	88%	97*43*30

\*If you have other parameter requirements, please consult our sales staff

## Specifications

- \_ Limited Voltage 198-264VAC
- \_ THD 10%
- \_ Output Current Accuracy ±5%
- \_ Ripple Current ±5%
- \_ Ta -25°C-+50°C
- \_ Surge L-N:2KV
- \_ Warranty 5 years
- \_ Protection Class IP20
- \_ Protective Functions Open-circuit protection and short-circuit protection.

## Dimension



# FIMH-T Series

Plastic Housing Built-in Constant Current Dimmable Driver (DT6) / **10-45W**

## Product Features

- Plastic housing isolated compact design
- 8-level DIP switch, multiple current optional
- Flicker-free output, meet the requirement of ErP standard
- Support DALI-2 and PUSH dimming
- Dimming Range 1%-100%
- Soft dimming
- High PF, high efficiency, low THD
- Class II design, suitable for use inside of the lighting fixture
- Power ON time < 0.5s
- With short-circuit protection and over-current protection



## Parameters

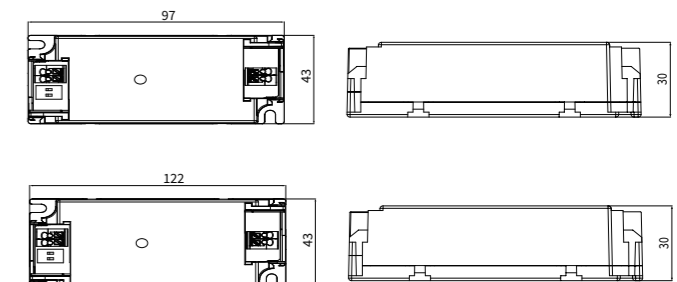
Model No.	Rated Power	Input Voltage	Output Current	Output Voltage	PF	Full Load Efficiency	Dimension (mm)
FIMH020C-DSLPT2	20W	220-240V	300-650mA	27-42V	0.9	86%	97*43*30
FIMH040C-DSLPT3	40W	220-240V	700-1050mA	27-42V	0.9	88%	122*43*30

\*If you have other parameter requirements, please consult our sales staff

## Specifications

- \_ Limited Voltage 198-264VAC
- \_ THD 10%
- \_ Output Current Accuracy ±5%
- \_ Ripple Current ±5%
- \_ Ta -25°C-+50°C
- \_ Surge L-N:2KV
- \_ Warranty 5 years
- \_ Protection Class IP20
- \_ Protective Functions Open-circuit protection and short-circuit protection.

## Dimension



# FICH-R Series

Plastic Housing Built-in Switch Driver  
(Round Type)

28-36W

## Product Features

- Plastic housing isolated double-stage flicker free design
- Flicker-free output, meet the requirement of ErP Standard
- High temperature resistant, Ta: 70°C
- High PF, high efficiency, low THD
- Class II design, suitable for use inside of the lighting fixture
- Power ON time<0.5s
- With short-circuit protection and over-current protection
- 4-level DIP for current switching optional



## Parameters

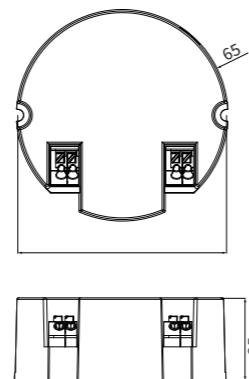
Model No.	Rated Power	Input Voltage	Output Current	Output Voltage	PF	Full Load Efficiency	Dimension (mm)
FICH028C-NSLPR4	28W	220-240V	550-700mA	25-40V	0.95	87%	65*25
FICH036C-NSLPR4	36W	220-240V	750-900mA	25-40V	0.95	88%	65*25

※If you have other parameter requirements, please consult our sales staff

## Specifications

- Limited Voltage 198-264VAC
- THD 10%
- Output Current Accuracy ±5%
- Ripple Current ±5%
- Ta -25°C-+70°C
- Surge L-N:2KV
- Warranty 5 years
- Protection Class IP20
- Protective Functions Open-circuit protection and short-circuit protection.

## Dimension



# PECH-A Series

Plastic Housing External Constant Current Switch Driver

3-20W

## Product Features

- Plastic housing isolated compact design
- Flicker-free output, meet the requirement of ErP standard
- High PF, high efficiency, low THD
- Class II design, suitable for use inside of the lighting fixture
- Power ON time<0.5s
- With short-circuit protection and over-current protection



## Parameters

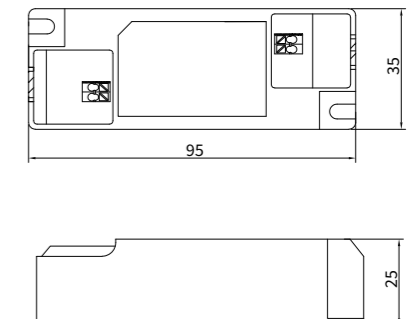
Model No.	Rated Power	Input Voltage	Output Current	Output Voltage	PF	Full Load Efficiency	Dimension (mm)
PECH003C-NSLPA1	3W	220-240V	300mA	5-13V	0.7	72%	95*35*25
PECH003C-NSLPA1	3W	220-240V	350mA	4-10V	0.7	72%	95*35*25
PECH006C-NSLPA1	6W	220-240V	300mA	12-22V	0.7	72%	95*35*25
PECH006C-NSLPA1	6W	220-240V	350mA	9-18V	0.7	72%	95*35*25
PECH009C-NSLPA1	9W	220-240V	300mA	20-32V	0.7	72%	95*35*25
PECH009C-NSLPA1	9W	220-240V	350mA	15-27V	0.7	72%	95*35*25
PECH012C-NSLPA1	12W	220-240V	300mA	30-40V	0.7	72%	95*35*25
PECH012C-NSLPA1	12W	220-240V	350mA	24-38V	0.7	72%	95*35*25
PECH015C-NSLPA1	15W	220-240V	300mA	40-52V	0.7	72%	95*35*25
PECH015C-NSLPA1	15W	220-240V	350mA	30-48V	0.7	72%	95*35*25
PECH020C-NSLPA1	20W	220-240V	500mA	30-40V	0.7	72%	95*35*25

※If you have other parameter requirements, please consult our sales staff

## Specifications

- Limited Voltage 198-264VAC
- THD 10%
- Output Current Accuracy ±5%
- Ripple Current ±5%
- Ta -25°C-+50°C
- Surge L-N:2KV
- Warranty 3 years
- Protection Class IP20
- Protective Functions Open-circuit protection and short-circuit protection.

## Dimension





# PIBH-P Series

Plastic Housing Built-in Switch Driver  
(Loop-out Wiring Type)

3-6W

## Product Features

- Plastic housing isolated flicker-free design
- Flicker-free output, meet the requirement of ErP standard
- High PF, high efficiency, low THD
- Class II design, suitable for use inside of the lighting fixture
- Power ON time < 0.5s
- With short-circuit protection and over-current protection
- Support potting IP44 optional



## Parameters

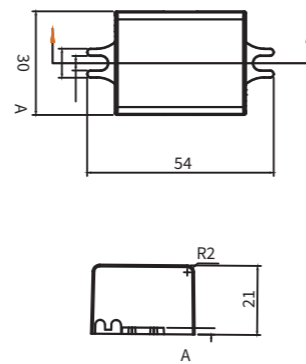
Model No.	Rated Power	Input Voltage	Output Current	Output Voltage	PF	Full Load Efficiency	Dimension (mm)
PIBH003C-NSLPP1	3W	220-240V	300mA	5-13V	0.7	72%	54*30*21
PIBH003C-NSLPP1	3W	220-240V	350mA	4-10V	0.7	72%	54*30*21
PIBH006C-NSLPP1	6W	220-240V	300mA	12-22V	0.7	75%	54*30*21
PIBH006C-NSLPP1	6W	220-240V	350mA	9-18V	0.7	75%	54*30*21

※If you have other parameter requirements, please consult our sales staff

## Specifications

- Limited Voltage 198-264VAC
- THD 10%
- Output Current Accuracy ±5%
- Ripple Current ±5%
- Ta -20°C~+50°C
- Surge L-N:2KV
- Warranty 3 years
- Protection Class IP20/IP44
- Protective Functions Open-circuit protection and short-circuit protection.

## Dimension



# PIBH-P Series

Plastic Housing Built-in Switch Driver  
(Loop-out Wiring Type)

9-12W

## Product Features

- Plastic housing isolated flicker-free design
- Flicker-free output, meet the requirement of ErP standard
- High PF, high efficiency, low THD
- Class II design, suitable for use inside of the lighting fixture
- Power ON time < 0.5s
- With short-circuit protection and over-current protection
- Support potting IP44 optional



## Parameters

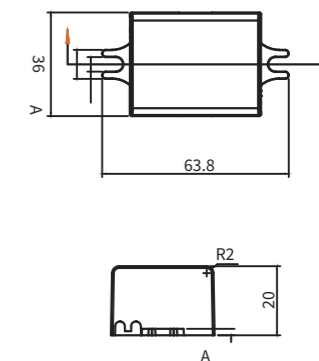
Model No.	Rated Power	Input Voltage	Output Current	Output Voltage	PF	Full Load Efficiency	Dimension (mm)
PIBH009C-NSLPP2	9W	220-240V	300mA	20-32V	0.7	80%	63.8*36*20
PIBH009C-NSLPP2	9W	220-240V	350mA	15-27V	0.7	80%	63.8*36*20
PIBH012C-NSLPP2	12W	220-240V	300mA	30-40V	0.7	82%	63.8*36*20

※If you have other parameter requirements, please consult our sales staff

## Specifications

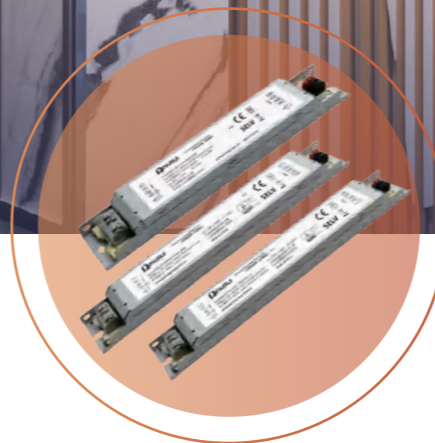
- Limited Voltage 198-264VAC
- THD 10%
- Output Current Accuracy ±5%
- Ripple Current ±5%
- Ta -20°C~+50°C
- Surge L-N:2KV
- Warranty 3 years
- Protection Class IP20/IP44
- Protective Functions Open-circuit protection and short-circuit protection.

## Dimension





European Standard Linear Light/Tri-Proof  
Light Power Supply



**Non-isolation Solution :**

- 20-120W
- Multi-Switching Power DIP optional
- Optional external end cap
- DALI(DT6)+PUSH dimming





# FIAH-L Series

Slim Type Constant Current Switch Driver  
(Non-Isolated)

20-120W

## Product Features

- Metal housing isolated compact design
- 4-level DIP switch, multiple current optional
- Flicker-free output, meet the requirement of ErP standard
- High PF, high efficiency, low THD
- Class I design, suitable for use inside of the lighting fixture
- Power ON time < 0.5s
- With short-circuit protection and over-current protection



## Parameters

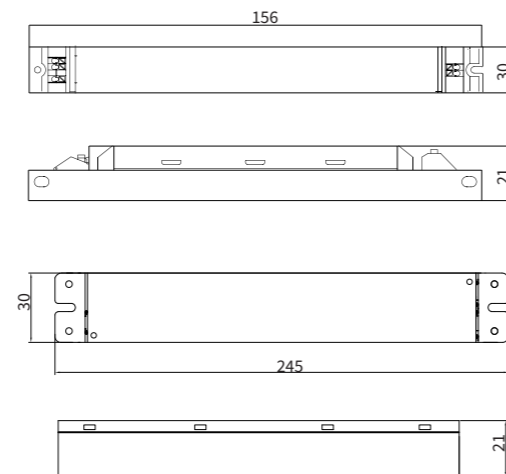
Model No.	Rated Power	Input Voltage	Output Current	Output Voltage	PF	Full Load Efficiency	Dimension (mm)
FIAH020C-NSLML1	20W	220-240V	350/300/250/200mA	25-57V	0.94	92%	156*30*21
FIAH040C-NSLML1	40W	220-240V	350/300/250/200mA	58-114V	0.95	92%	156*30*21
FIAH060C-NSLML1	60W	220-240V	350/300/250/200mA	170-230V	0.95	93%	156*30*21
FIAH080C-NSLML1	80W	220-240V	350/300/250/200mA	90-200V	0.95	93%	156*30*21
FIAH120C-NSLML3	120W	220-240V	300-750mA	54-216V	0.95	94%	245*30*21

※If you have other parameter requirements, please consult our sales staff

## Specifications

- Limited Voltage 198-264VAC
- THD 10%
- Output Current Accuracy ±5%
- Ripple Current ±5%
- Ta -20°C-+60°C
- Surge L-N:2KV,L/N-FG:2KV
- Warranty 5 years
- Protection Class IP20
- Protective Functions Open-circuit protection, short-circuit protection and over-current protection

## Dimension



# FIDH-L Series

Slim Type Constant Current Dimmable Driver  
(Non-Isolated, DT6)

20-120W

## Product Features

- Metal housing isolated compact design
- 8-level DIP switch, multiple current optional
- Flicker-free output, meet the requirement of ErP standard
- Support DALI-2 and PUSH dimming
- Dimming Range 1%-100%
- High PF, high efficiency, low THD
- Class I design, suitable for use inside of the lighting fixture
- Power ON time < 0.5s
- With short-circuit protection and over-current protection.



## Parameters

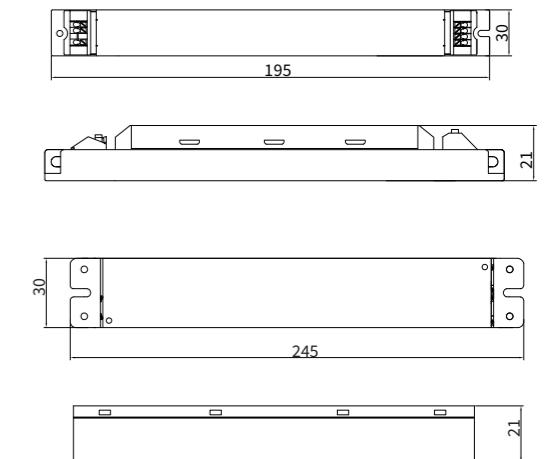
Model No.	Rated Power	Input Voltage	Output Current	Output Voltage	PF	Full Load Efficiency	Dimension (mm)
FIDH040-DSLML2	40W	220-240V	200-450mA	80-240V	0.95	92%	195*30*21
FIDH060-DSLML2	60W	220-240V	300-650mA	80-240V	0.95	92%	195*30*21
FIDH080-DSLML2	80W	220-240V	400-800mA	80-240V	0.95	92%	195*30*21
FIDH120-DSLML3	120W	220-240V	250-1000mA	80-240V	0.95	92%	245*30*21

※If you have other parameter requirements, please consult our sales staff

## Specifications

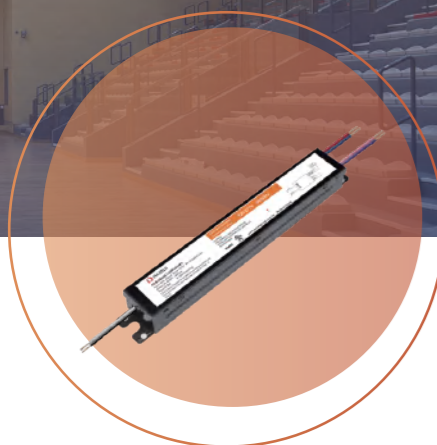
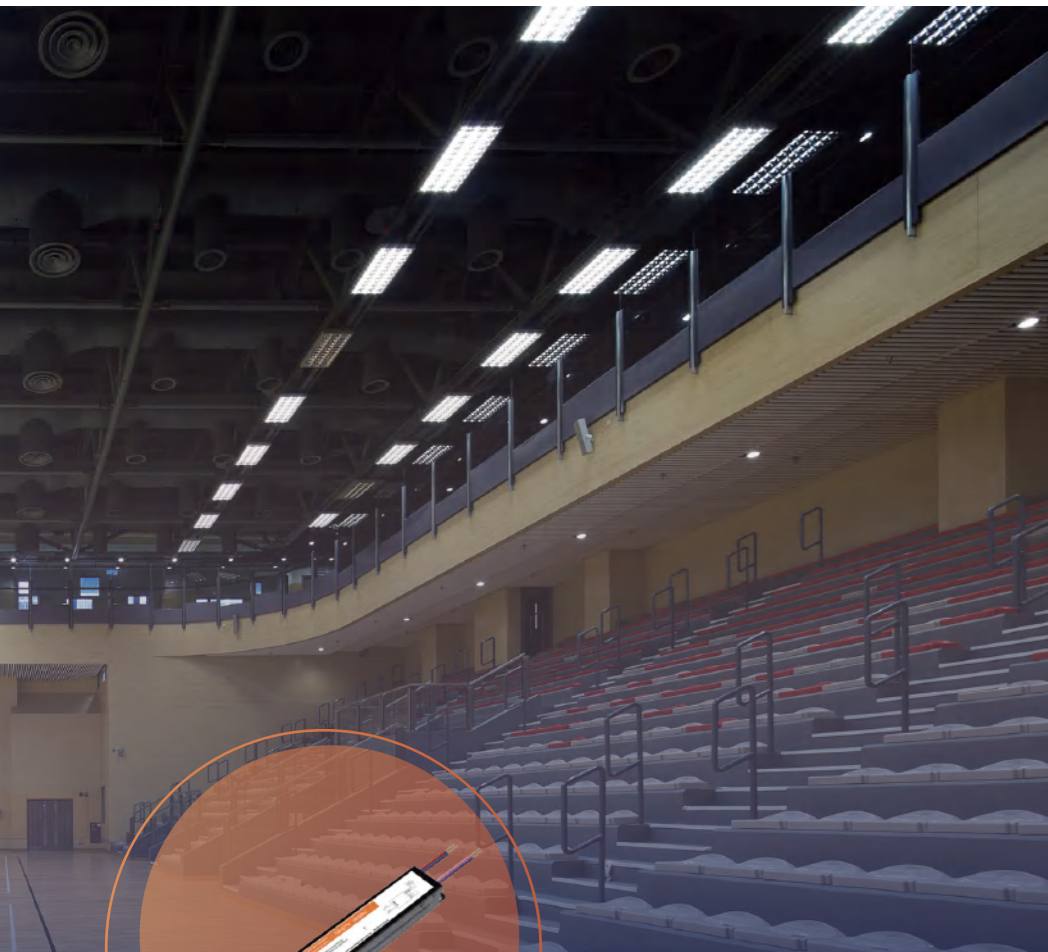
- Limited Voltage 198-264VAC
- THD 10%
- Output Current Accuracy ±5%
- Ripple Current ±5%
- Ta -20°C-+60°C
- Surge L-N:2KV,L/N-FG:2KV
- Warranty 5 years
- Protection Class IP20
- Protective Functions Open-circuit protection, short-circuit protection and over-current protection

## Dimension





American Standard Panel Light/Linear Light /Grille Light Power Supply



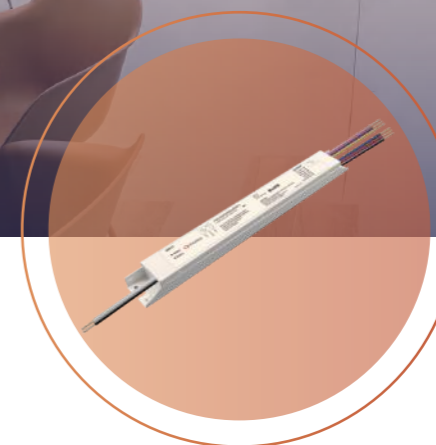
**US Standard Black Silicon Type (Industrial Lighting)**

- 40W-100W
- 0-10V dimming
- Various input voltage optional  
120-277V input, 120-347V input,  
347-480V input (Support 12V  
AUX Output)



**US Standard Direct Panel Light Type**

- 20W-50W
- 0-10V dimming
- 120-277V input, 120-347V input
- Color temperature DIP
- Color temperature + Power DIP
- 12V AUX output



**US Standard Liner Light Type**

- 21.6W-80W
- 0-10V dimming
- 120-277V input, 120-347V input
- Color temperature DIP
- Color temperature + power DIP
- 12V AUX output





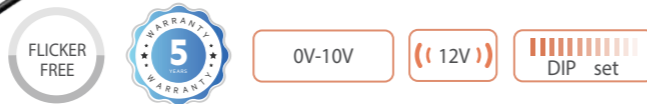
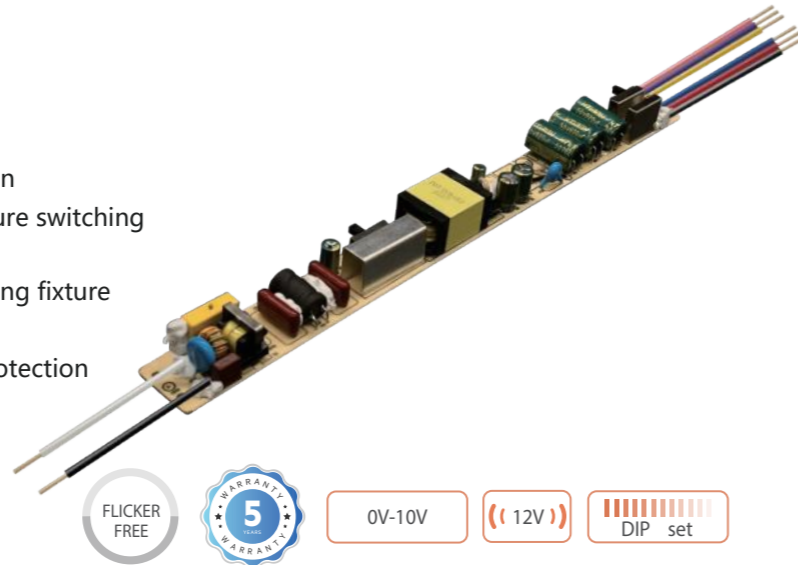
# PIBU-0 Series

Constant Current American Standard Dimmable Driver  
(PCBA, 0-10V, 120-277V Input)

21.6-50W

## Product Features

- 120-277VAC Input
- 0-10V dimming isolated, output flicker-free design
- 3-level power DIP, 3-level/5-level color temperature switching
- High PF, high efficiency, low THD
- Class II design, suitable for use inside of the lighting fixture
- Power ON time < 0.5s
- With short-circuit protection and over-current protection
- 12V auxiliary output optional



## Parameters

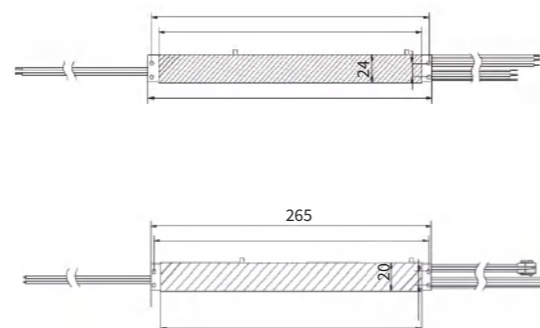
Model No.	Rated Power	Input Voltage	Output Current	Output Voltage	PF	Dimension (mm)
PIBU020C0540VSRJ01	21.6W	120-277V	350-540mA	30-42V	0.9/0.95	265*24*20
PIBU030C0800VSRJ01	30W	120-277V	420-800mA	30-42V	0.9/0.95	265*24*20
PIBU040C1050VSRJ01	40W	120-277V	500-1050mA	30-42V	0.9/0.95	265*24*20
PIBU050C1250VSRJ01	50W	120-277V	650-1250mA	30-42V	0.9/0.95	265*24*20

※If you have other parameter requirements, please consult our sales staff

## Specifications

- Limited Voltage 108-305VAC
- THD 20%
- Output Current Accuracy ±5%
- Ripple Current ±5%
- Ta -25°C-+55°C
- Surge L-N:2KV
- Warranty 5 years
- Protection Class PCBA
- Protective Functions Open-circuit protection and short-circuit protection.

## Dimension



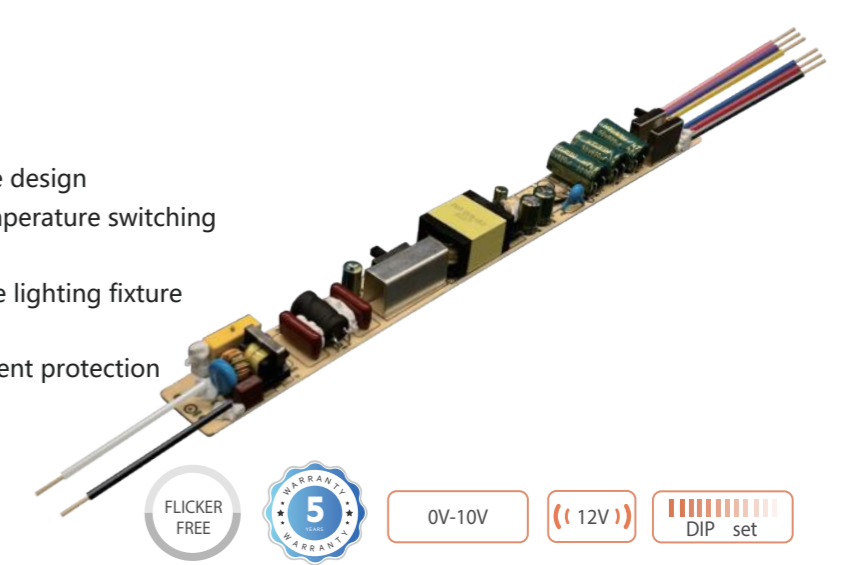
# PIBG-0 Series

Constant Current American Standard Dimmable Driver  
(PCBA, 0-10V, 120-347V Input)

21.6-50W

## Product Features

- 120-347VAC Input
- 0-10V dimming isolated, output flicker-free design
- 3-level power DIP, 3-level/5-level color temperature switching
- High PF, high efficiency, low THD
- Class II design, suitable for use inside of the lighting fixture
- Power ON time < 0.5s
- With short-circuit protection and over-current protection
- 12V auxiliary output optional



## Parameters

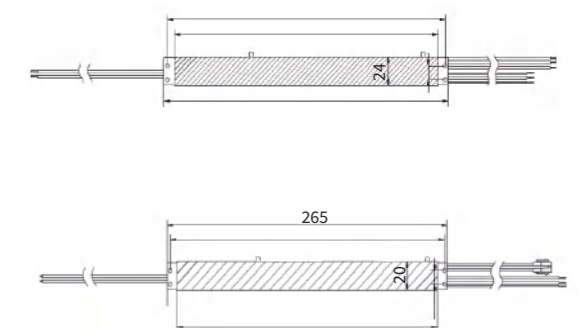
Model No.	Rated Power	Input Voltage	Output Current	Output Voltage	PF	Dimension (mm)
PIBG020C0540VSRJ01	21.6W	120-347V	350-540mA	30-42V	0.9/0.95	265*24*20
PIBG030C0800VSRJ01	30W	120-347V	420-800mA	30-42V	0.9/0.95	265*24*20
PIBG040C1050VSRJ01	40W	120-347V	500-1050mA	30-42V	0.9/0.95	265*24*20
PIBG050C1250VSRJ01	50W	120-347V	650-1250mA	30-42V	0.9/0.95	265*24*20

※If you have other parameter requirements, please consult our sales staff

## Specifications

- Limited Voltage 108-380VAC
- THD 20%
- Output Current Accuracy ±5%
- Ripple Current ±5%
- Ta -25°C-+55°C
- Surge L-N:2KV
- Warranty 5 years
- Protection Class PCBA
- Protective Functions Open-circuit protection and short-circuit protection.

## Dimension



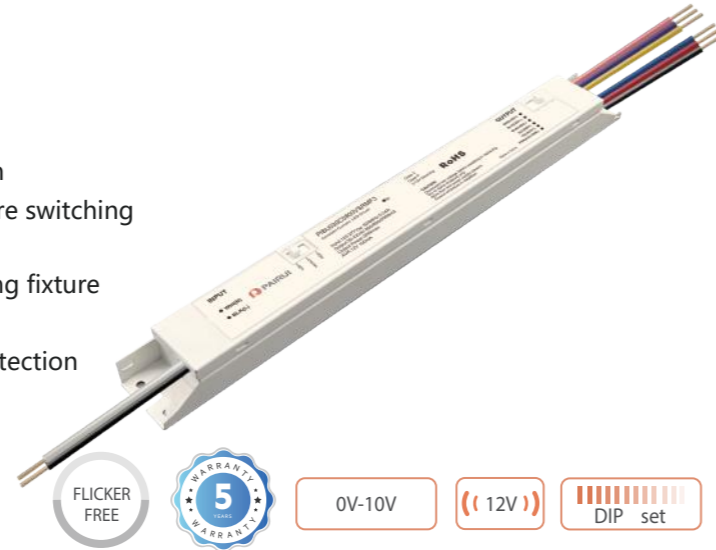
# PIBU-K Series

Slim Type Metal Housing American Standard Dimmable Driver  
(0-10V, 120-277V Input)

21.6-80W

## Product Features

- 120-277VAC Input
- 0-10V dimming isolated, output flicker-free design
- 3-level power DIP, 3-level/5-level color temperature switching
- High PF, high efficiency, low THD
- Class II design, suitable for use inside of the lighting fixture
- Power ON time < 0.5s
- With short-circuit protection and over-current protection
- 12V auxiliary output optional



## Parameters

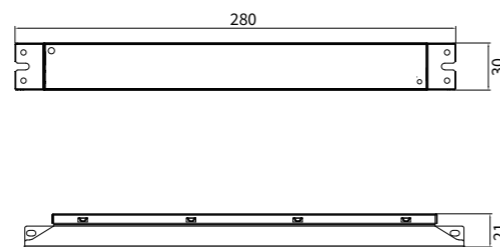
Model No.	Rated Power	Input Voltage	Output Current	Output Voltage	PF	Dimension (mm)
PIBU020C0540VSRMK2	21.6W	120-277V	350-540mA	30-40V	0.9/0.95	280*30*21
PIBU030C0800VSRMK2	30W	120-277V	420-800mA	30-40V	0.9/0.95	280*30*21
PIBU040C1050VSRMK2	40W	120-277V	500-1050mA	30-40V	0.9/0.95	280*30*21
PIBU050C1250VSRMK2	50W	120-277V	650-1250mA	30-40V	0.9/0.95	280*30*21
PIBU060C1500VSRMK2	60W	120-277V	800-1500mA	30-40V	0.9/0.95	280*30*21
PIBU080C2000VSRMK2	80W	120-277V	1200-2000mA	30-40V	0.9/0.95	280*30*21

※If you have other parameter requirements, please consult our sales staff

## Specifications

- Limited Voltage 90-305VAC
- THD 20%
- Output Current Accuracy ±5%
- Ripple Current ±5%
- Ta -25°C-+55°C
- Surge L-N:2KV
- Warranty 5 years
- Protection Class IP20
- Protective Functions Open-circuit protection and short-circuit protection.

## Dimension



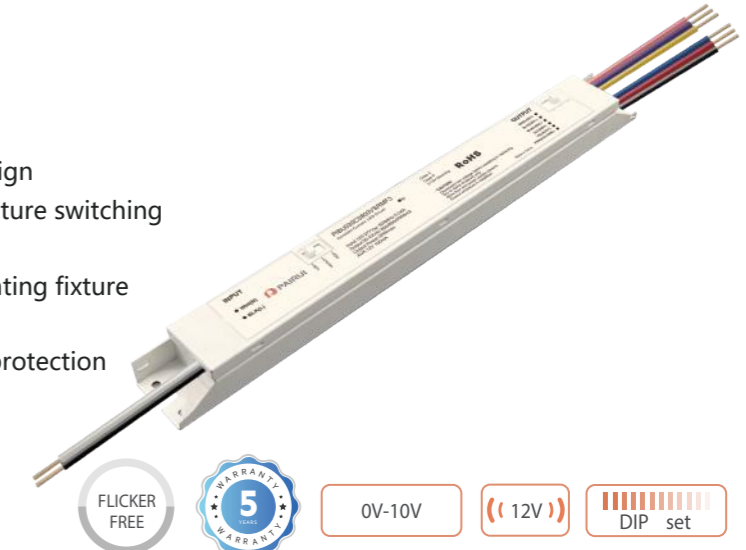
# PIBG-K Series

Slim Type Metal Housing American Standard Dimmable Driver  
(0-10V, 120-347V Input)

21.6-80W

## Product Features

- 120-347VAC Input
- 0-10V dimming isolated, output flicker-free design
- 3-level power DIP, 3-level/5-level color temperature switching
- High PF, high efficiency, low THD
- Class II design, suitable for use inside of the lighting fixture
- Power ON time < 0.5s
- With short-circuit protection and over-current protection
- 12V auxiliary output optional



## Parameters

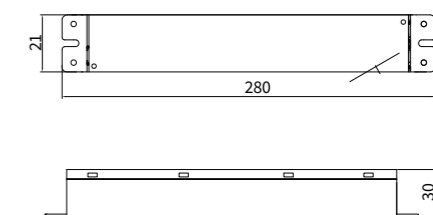
Model No.	Rated Power	Input Voltage	Output Current	Output Voltage	PF	Dimension (mm)
PIBG020C0540VSRMK2	21.6W	120-347V	350-540mA	30-40V	0.9/0.95	280*30*21
PIBG030C0800VSRMK2	30W	120-347V	420-800mA	30-40V	0.9/0.95	280*30*21
PIBG040C1050VSRMK2	40W	120-347V	500-1050mA	30-40V	0.9/0.95	280*30*21
PIBG050C1250VSRMK2	50W	120-347V	650-1250mA	30-40V	0.9/0.95	280*30*21
PIBG060C1500VSRMK2	60W	120-347V	800-1500mA	30-40V	0.9/0.95	280*30*21
PIBG080C2000VSRMK2	80W	120-347V	1200-2000mA	30-40V	0.9/0.95	280*30*21

※If you have other parameter requirements, please consult our sales staff

## Specifications

- Limited Voltage 108-380VAC
- THD 20%
- Output Current Accuracy ±5%
- Ripple Current ±5%
- Ta -25°C-+55°C
- Surge L-N:2KV
- Warranty 5 years
- Protection Class IP20
- Protective Functions Open-circuit protection and short-circuit protection.

## Dimension





# PGAU-M Series

Metal Housing American Standard Dimmable Driver  
(0-10V, 120-277V Input)

40-100W

## Product Features

- 120-277VAC Input
- 0-10V dimming isolated, output flicker-free design
- Heat radiation by potting, low temperature rise
- High PF, high efficiency, low THD
- Class P design, suitable for use inside of the lighting fixture
- Power ON time < 0.5s
- With short-circuit protection and over-current protection



## Parameters

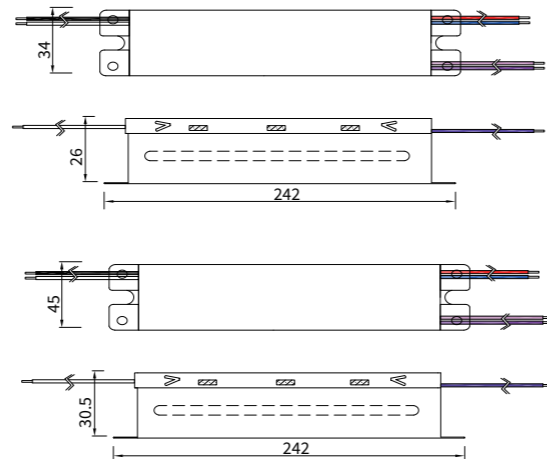
Model No.	Rated Power	Input Voltage	Output Current	Output Voltage	PF	Full Load Efficiency	Dimension (mm)
PGAU040C-VSLM1	40W	120-277V	900-1000mA	30-42V	0.9	87%	242*34*26
PGAU050C-VSLM1	50W	120-277V	1050-1200mA	30-42V	0.9	87%	242*34*26
PGAU060C-VSLM1	60W	120-277V	1250-1400mA	30-42V	0.9	87%	242*34*26
PGAU080C-VSLM2	80W	120-277V	1500-1900mA	30-42V	0.9	88%	242*45*30.5
PGAU100C-VSLM2	100W	120-277V	2000-2400mA	30-42V	0.9	88%	242*45*30.5

※If you have other parameter requirements, please consult our sales staff

## Specifications

- Limited Voltage 108-305VAC
- THD 20%
- Output Current Accuracy ±5%
- Ripple Current ±5%
- Ta -25°C-+55°C
- Surge L-N:2KV
- Warranty 5 years
- Protection Class IP30
- Protective Functions Open-circuit protection and short-circuit protection.

## Dimension



# PGAG-M Series

Metal Housing American Standard Dimmable Driver  
(0-10V, 120-347V Input)

40-100W

## Product Features

- 120-347VAC Input
- 0-10V dimming isolated, output flicker-free design
- Heat radiation by potting, low temperature rise
- High PF, high efficiency, low THD
- Class P design, suitable for use inside of the lighting fixture
- Power ON time < 0.5s
- With short-circuit protection and over-current protection



## Parameters

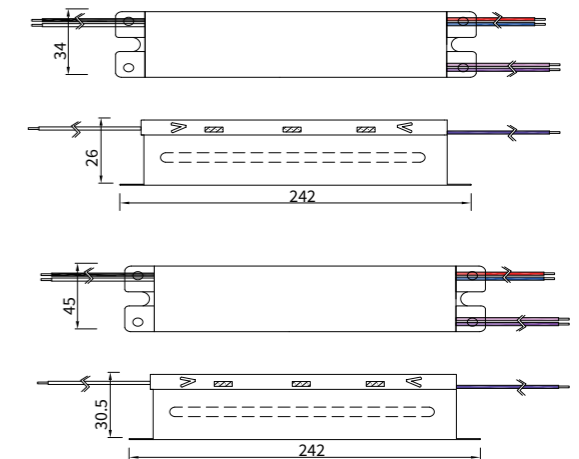
Model No.	Rated Power	Input Voltage	Output Current	Output Voltage	PF	Full Load Efficiency	Dimension (mm)
PGAG040C-VSLM1	40W	120-347V	900-1000mA	30-42V	0.9	84%	242*34*26
PGAG050C-VSLM1	50W	120-347V	1050-1200mA	30-42V	0.9	84%	242*34*26
PGAG060C-VSLM1	60W	120-347V	1250-1400mA	30-42V	0.9	85%	242*34*26
PGAG080C-VSLM2	80W	120-347V	1500-1900mA	30-42V	0.9	88%	242*45*30.5
PGAG100C-VSLM2	100W	120-347V	2000-2400mA	30-42V	0.9	88%	242*45*30.5

※If you have other parameter requirements, please consult our sales staff

## Specifications

- Limited Voltage 108-380VAC
- THD 20%
- Output Current Accuracy ±5%
- Ripple Current ±5%
- Ta -25°C-+55°C
- Surge L-N:2KV
- Warranty 5 years
- Protection Class IP30
- Protective Functions Open-circuit protection and short-circuit protection.

## Dimension



# PGAM-M Series

Metal Housing American Standard Dimmable Driver  
(0-10V, 347-480V Input)

40-100W

## Product Features

- 347-480VAC Input
- 0-10V dimming isolated, output flicker-free design
- Heat radiation by potting, low temperature rise
- High PF, high efficiency, low THD
- Class P design, suitable for use inside of the lighting fixture
- Power ON time < 0.5s
- With short-circuit protection and over-current protection
- 12V auxiliary output optional



## Parameters

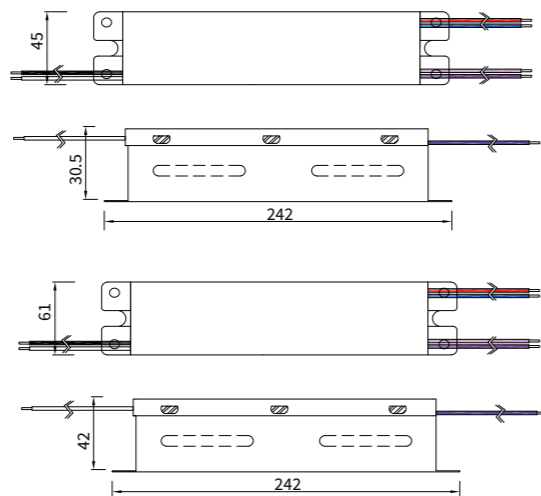
Model No.	Rated Power	Input Voltage	Output Current	Output Voltage	PF	Full Load Efficiency	Dimension (mm)
PGAM040C-VSLM2	40W	347-480V	900-1000mA	30-42V	0.9	84%	242*45*30.5
PGAM050C-VSLM2	50W	347-480V	1050-1200mA	30-42V	0.9	84%	242*45*30.5
PGAM060C-VSLM2	60W	347-480V	1250-1400mA	30-42V	0.9	85%	242*45*30.5
PGAM080C-VSLM3	80W	347-480V	1500-1900mA	30-42V	0.9	87%	242*61*42
PGAM100C-VSLM3	100W	347-480V	2000-2400mA	30-42V	0.9	87%	242*61*42

※If you have other parameter requirements, please consult our sales staff

## Specifications

- Limited Voltage 108-380VAC
- THD 20%
- Output Current Accuracy ±5%
- Ripple Current ±5%
- Ta -25°C-+55°C
- Surge L-N:2KV
- Warranty 5 years
- Protection Class IP30
- Protective Functions Open-circuit protection and short-circuit protection.

## Dimension



# PGAM-M-AUX Series

Metal Housing American Standard Dimmable Driver  
(0-10V, 347-480V Input, 12V auxiliary output)

40-100W

## Product Features

- 347-480VAC Input
- 0-10V dimming isolated, output flicker-free design
- Heat radiation by potting, low temperature rise
- High PF, high efficiency, low THD
- Class P design, suitable for use inside of the lighting fixture
- Power ON time < 0.5s
- With short-circuit protection and over-current protection



## Parameters

Model No.	Rated Power	Input Voltage	Output Current	Output Voltage	PF	Full Load Efficiency	Dimension (mm)
PGAM040C-VSLM2-AUX	40W	347-480V	900-1000mA	30-42V	0.9	84%	242*45*30.5
PGAM050C-VSLM2-AUX	50W	347-480V	1050-1200mA	30-42V	0.9	84%	242*45*30.5
PGAM060C-VSLM2-AUX	60W	347-480V	1250-1400mA	30-42V	0.9	85%	242*45*30.5
PGAM080C-VSLM3-AUX	80W	347-480V	1500-1900mA	30-42V	0.9	87%	242*61*42
PGAM100C-VSLM3-AUX	100W	347-480V	2000-2400mA	30-42V	0.9	87%	242*61*42

※If you have other parameter requirements, please consult our sales staff

## Specifications

- Limited Voltage 108-380VAC
- THD 20%
- Output Current Accuracy ±5%
- Ripple Current ±5%
- Ta -25°C-+55°C
- Surge L-N:2KV
- Warranty 5 years
- Protection Class IP30
- Protective Functions Open-circuit protection and short-circuit protection.

## Dimension

