



Reliable first, start your power!

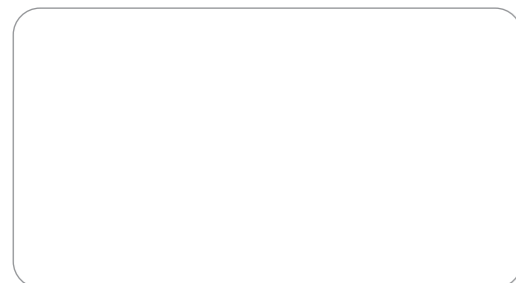
Since 1986

# Led Driver

Product Portfolio



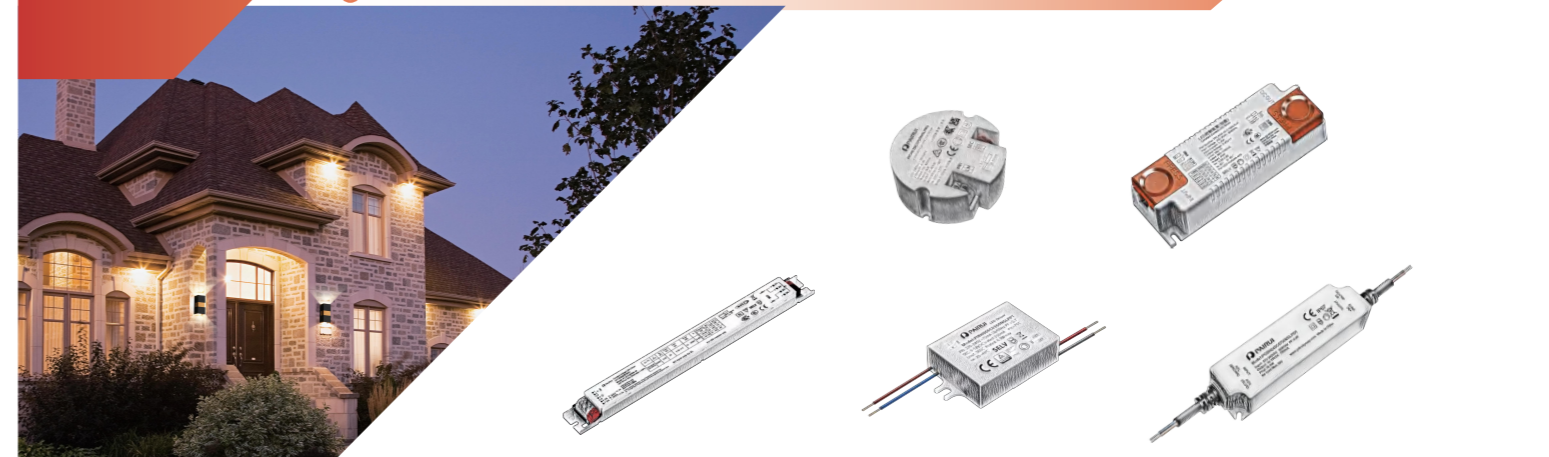
PAIRUI PARTNERS



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[www.pairuigroup.com](http://www.pairuigroup.com)



[www.pairuigroup.com](http://www.pairuigroup.com)

Lin Fuan, the founder of Fuan Electronics, established Huaguang Electronic in 1986 to produce flyback transformer for black and white TV sets. In 2002, the company was renamed to Fuan Electronics, and led the team to continue to develop and expand product diversification. Mr. Lin now is the honorary chairman.

In 2012, a new leader, Lin Senmao, took over and re-formed a more diversified founding team to explore the global market.



<b>3</b> Manufacturing sites	<b>5</b> Offices	<b>40+</b> Distributors
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Market Value (Jun./2025) **USD 16 Million**

**61000**  
+ square meters



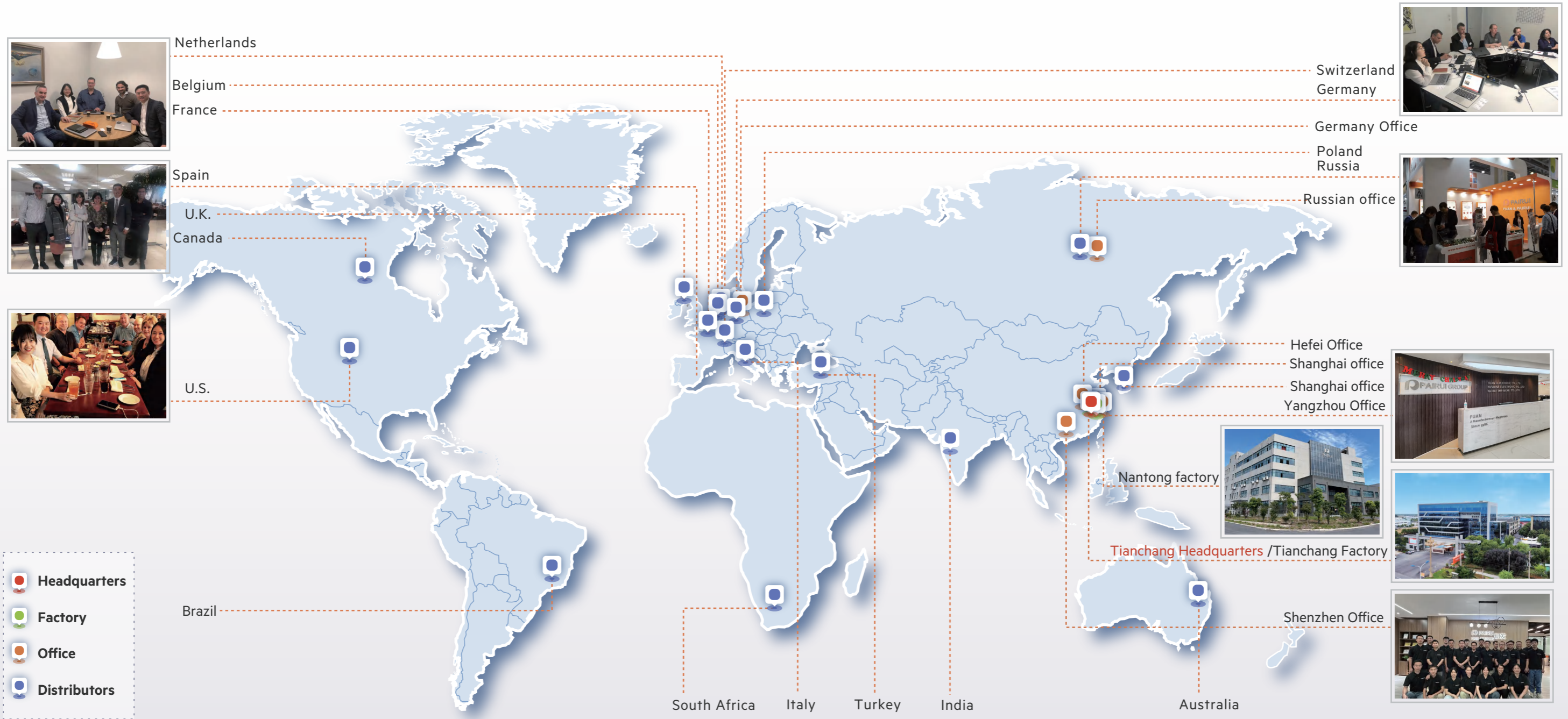
Fuan's headquarter which is located in Tianchang City.

+ **220**  
Employees

+ **35**  
R&D engineers

+ **100.000**  
Produced PCS/ day

# Fuan Global



# Historical evolution

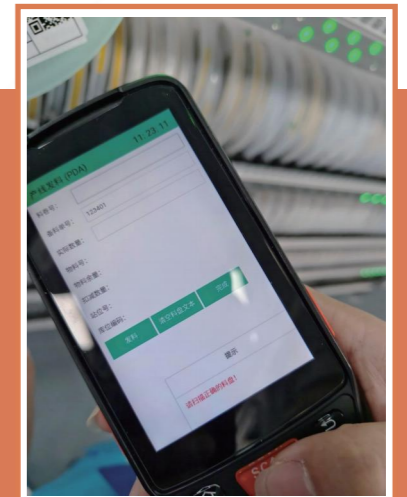
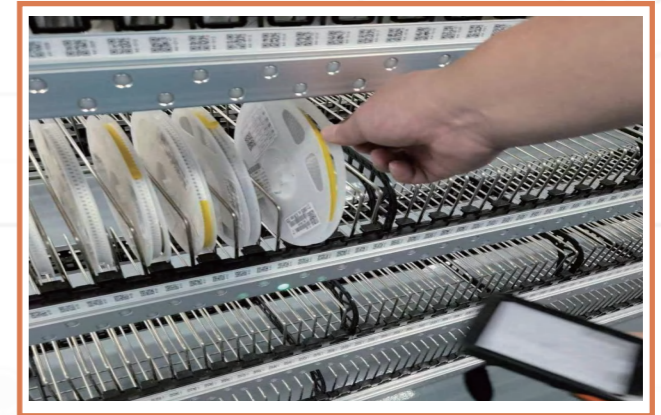


# Production Line

SMT Lines: 14

Automatic glue filling lines: 8

Scan the code, store the material  
with PDA



# Production Line




# CONTENTS


**P<sub>01</sub>** **AAF SERIES**  
 20-42W, 176-264V Input  
 Non-isolated, Standalone Type, IP40  
 Size: 115\*38\*23mm



**P<sub>02</sub>** **AAC SERIES**  
 20-40W, 176-264V Input  
 Non-isolated, Built-in Type, IP20  
 Size: 152\*25.5\*22mm



**P<sub>3-4</sub>** **PSPL SERIES**  
 15-40W, 176-264V Input  
 Isolated, Standalone Type, IP40  
 Size: 115\*38\*23mm




**P<sub>05</sub>** **PEAH-A3 SERIES**  
 60W, 176-264V Input  
 Isolated, Standalone Type, IP20  
 Size: 154\*47\*29mm



**P<sub>06</sub>** **PEKH-G SERIES**  
 30-45W, 176-264V Input  
 Isolated, Standalone Type, IP20  
 Size: 265\*23\*22mm



**P<sub>7-8</sub>** **PPL SERIES**  
 11-44W, 176-264V Input  
 Isolated, IP20  
 Support 4-Step Current Adjustment  
 EMC for Class I / II luminaires



**P<sub>09</sub>** **PEAH-B2 SERIES**  
 15-40W, 176-264V Input  
 0-10V Dimming, IP40  
 Size: 124\*41\*28mm



**P<sub>10</sub>** **FIBH-T SERIES**  
 26-42W, 176-264V Input  
 Isolated, Built-in Type  
 Support 4-Step Current Adjustment



**P<sub>11</sub>** **FICH-R SERIES**  
 28-36W, 176-264V Input  
 Isolated, Built-in Type  
 Ta: -25°C~+70°C



**P<sub>12</sub>** **PECH-A SERIES**  
 3-20W, 176-264V Input  
 Isolated, Standalone Type, IP20  
 PF≥0.7



**P<sub>13</sub>** **AAE SERIES**  
 20W, 110-264V Input  
 Isolated, Standalone Type, IP20  
 Size: 96\*36\*25mm




**P<sub>14</sub>** **SDP SERIES**  
 8-24W, 176-264V Input  
 Isolated, Standalone Type, IP40  
 Support 4-Step Current Adjustment  
 Size: 115\*38\*23mm




**P<sub>15</sub>** **PIBH-P SERIES**  
 3-12W, 176-264V Input  
 Isolated, Built-in Type, IP20/IP44  
 PF≥0.7




**P<sub>16</sub>** **AAT SERIES**  
 3W/5W/12W, 85-264V Input  
 LED Emergency Power Supply  
 Li-ion battery supported, Ni-Cd battery optional



**P<sub>17-18</sub>** **PXV SERIES**  
 30-180W, 176-264V Input  
 Isolated, Built-in Type, IP20  
 24V Constant Voltage Output




**P<sub>19</sub>** **AAB SERIES**  
 15-60W, 176-264V Input  
 Isolated, Standalone Type  
 DALI-2 (DT6)+PUSH Dimming




# CONTENTS


**P<sub>20</sub>** **AAD SERIES**  
 40-80W, 176-264V Input  
 Non-isolated, Built-in Type  
 DALI-2 (DT6)+PUSH Dimming



**P<sub>21</sub>** **AAH SERIES**  
 20-80W, 176-264V Input  
 Non-isolated, Built-in Type




**P<sub>22</sub>** **PXD SERIES**  
 19-80W, 176-264VAC/176-280VDC  
 Input  
 Isolated, Built-in Type




**P<sub>23</sub>** **PIBU SERIES**  
 30-60W, 108-305V Input  
 0-10V Dimming  
 Isolated, Built-in Type



**P<sub>24</sub>** **AAR SERIES**  
 100-320W, 108-305V Input  
 Economic Type, 3-in-1 Dimming, IP67  
 Current adjustable via potentiometer  
 Ta: -40°C~+60°C




**P<sub>25</sub>** **AAQ SERIES**  
 30-240W, 108-305V Input  
 Standard Type, 3-in-1 Dimming, IP67  
 Current adjustable via potentiometer  
 Ta: -40°C~+60°C




**P<sub>26</sub>** **AAP SERIES**  
 100-320W, 108-305V Input  
 3-in-1 Dimming, IP67  
 Current adjustable via potentiometer  
 Ta: -60°C~+60°C



**P<sub>27</sub>** **PYG SERIES**  
 40-150W, 90-305V Input  
 3-in-1 Dimming, IP67  
 10%-100% Dimming Range  
 PC Programmable Adjustment



**P<sub>28</sub>** **PYG SERIES**  
 200-320W, 90-305V Input  
 3-in-1 Dimming, IP67  
 10%-100% Dimming Range  
 PC Programmable Adjustment




**P<sub>29</sub>** **PLY SERIES**  
 75-300W, 90-305V Input  
 3-in-1 Dimming, IP67  
 1%-100% Dimming Range  
 NFC Programmable Adjustment



**P<sub>30</sub>** **AAG SERIES**  
 60W, 176-264V Input  
 Metal case, IP67  
 Size: 120\*42\*34mm




**P<sub>31</sub>** **PGBH SERIES**  
 12-40W, 176-264V Input  
 Plastic case, IP67  
 Size: 118\*35\*26.4mm




**P<sub>32</sub>** **PGBH SERIES**  
 60W, 176-264V Input  
 Plastic case, IP67  
 Size: 151\*40\*30mm




**P<sub>33</sub>** **AAJ SERIES**  
 40-500W, 90-305V Input  
 Non-isolated, IP67  
 Current adjustable via potentiometer  
 0-10V Dimming



**P<sub>34</sub>** **AAS SERIES**  
 120-240W, 108-310V Input  
 Metal case, Non-isolated, IP65  
 Current adjustable via potentiometer  
 UFO Type



**P<sub>35</sub>** **PR-MS10 SERIES**  
 Photosensor  
 1-10V Input



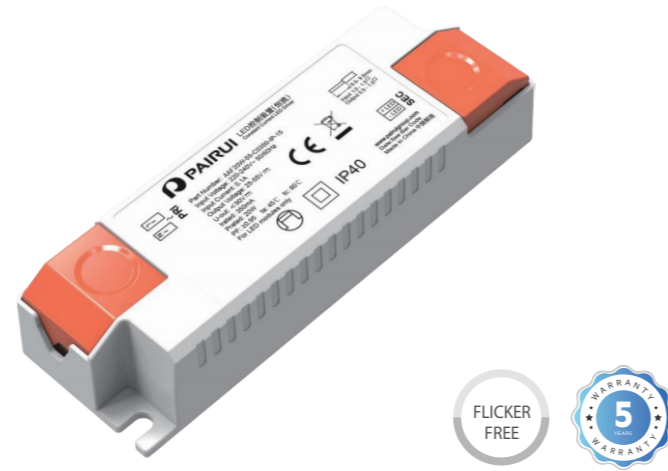
# AAF Series

Non-isolated, External Type

## 20-42W

### Product Features

- Non-isolated design with plastic shell
- Protection rating: IP40
- Suitable for Class II luminaires
- High efficiency up to 91%



### Parameters

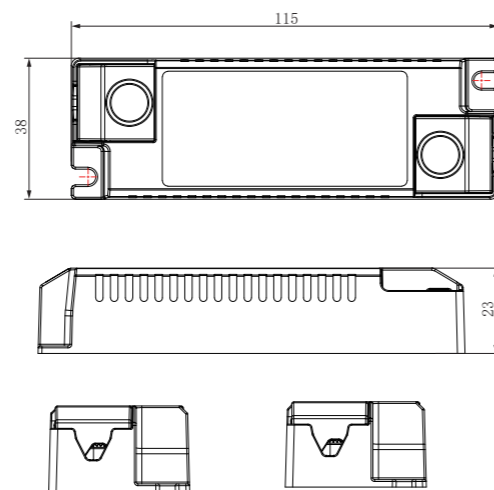
Model No.	Rated Power	Input Voltage	Output Current	Output Voltage	PF	Efficiency	Dimension (mm)
AAF20W-55-C0350-IP-15	20W	176-264V	350mA	25- 55V	>0.9	90%	115*38*23
AAF42W-120-C0350-IP-15	42W	176-264V	350mA	50- 120V	>0.9	91%	115*38*23

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

### Specifications

- Operating Voltage Range 176-264V
- THD <10%
- Ta -20°C~+45°C
- Surge Protection (L-N) L-N;1.5KV
- Power Factor (PF) 0.95
- Protection Rating IP40
- Current Accuracy ±5%

### Dimension



# AAC Series

Non-isolated, Built-in Type, Slim & Elongated

## 20-40W

### Product Features

- Non-isolated design with plastic enclosure
- EMC is compatible with Class I luminaires
- High efficiency up to 91%



### Parameters

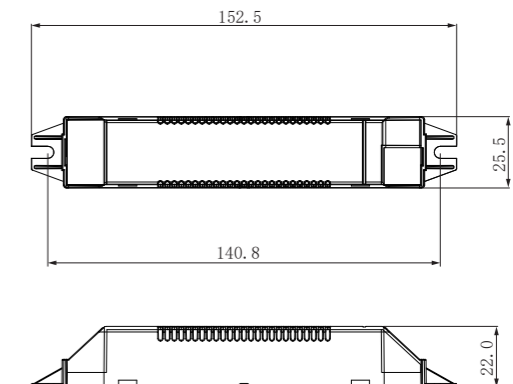
Model No.	Rated Power	Input Voltage	Output Current	Output Voltage	PF	Efficiency	Dimension (mm)
AAC20-C350	20W	176-264V	350mA	20- 55V	>0.9	88%	152*25.5*22
AAC40-C350	40W	176-264V	350mA	80- 115V	>0.9	91%	152*25.5*22
AAC40-C300/350	40W	176-264V	300/350mA	80- 143V	>0.9	91%	152*25.5*22
AAC20-C350-A	20W	176-264V	350mA	20- 55V	>0.9	88%	152*25.5*22
AAC40-C350-A	40W	176-264V	350mA	80- 115V	>0.9	91%	152*25.5*22
AAC40-C300/350-A	40W	176-264V	300/350mA	80- 143V	>0.9	91%	152*25.5*22

※If you have other parameter requirements, please consult our sales staff  
The standard AAC series only supports Class II EMC standards, while models with the \*\*\*-A\* suffix\*\* comply with Class I EMC standards.  
The AAC40-C300/350 supports two output current levels (300mA and 350mA), adjustable via its DIP switch

### Specifications

- Operating Voltage Range 176-264V
- THD <10%
- Ta -20°C~+45°C
- Power Factor (PF) 0.95
- Current Accuracy ±5%

### Dimension



# PSPL Series

Flicker-free, External Type / **15-40W**

## Product Features

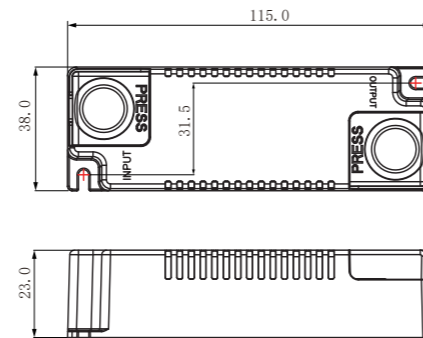
- No Flicker Constant Current
- PFC + Flyback Technology
- IP40
- Suitable for Class II luminaires
- Five year warranty



## Specifications

- Limited Voltage 176-264V
- THD <15%
- Output Current Accuracy ±5%
- Ripple Current <±5%
- Ta -20 to +45°C
- Surge L-N:1.5KV
- Warranty 5 years
- Protection Rating IP40
- Protective Functions OCP , OVP

## Dimension



## Parameters

Model No.	Output Power	Input Voltage	Output Current	Output Voltage	PF	Efficiency	Dimension (mm)
PSPL-120-C0350-IP-15	40W	176-264V	350mA	72-120V	0.9	>89%	115*38*23
PSPL-120-C0350-IP-25	40W	176-264V	350mA	72-120V	0.9	>89%	115*38*23
PSPL-55-C0350-IP-15	19W	176-264V	350mA	33-55V	0.9	>89%	115*38*23
PSPL-55-C0350-IP-25	19W	176-264V	350mA	33-55V	0.9	>89%	115*38*23
PSPL-40-C0350-IP-15	15W	176-264V	350mA	24-42V	0.9	>89%	115*38*23
PSPL-40-C0350-IP-25	15W	176-264V	350mA	24-42V	0.9	>89%	115*38*23
PSPL-40-C0400-IP-15	16W	176-264V	400mA	24-42V	0.9	>89%	115*38*23
PSPL-40-C0400-IP-25	16W	176-264V	400mA	24-42V	0.9	>89%	115*38*23
PSPL-40-C0450-IP-15	18W	176-264V	450mA	24-42V	0.9	>89%	115*38*23
PSPL-40-C0450-IP-25	18W	176-264V	450mA	24-42V	0.9	>89%	115*38*23
PSPL-40-C0500-IP-15	21W	176-264V	500mA	24-42V	0.9	>89%	115*38*23
PSPL-40-C0500-IP-25	21W	176-264V	500mA	24-42V	0.9	>89%	115*38*23
PSPL-40-C0550-IP-15	23W	176-264V	550mA	24-42V	0.9	>89%	115*38*23
PSPL-40-C0550-IP-25	23W	176-264V	550mA	24-42V	0.9	>89%	115*38*23
PSPL-40-C0600-IP-15	25W	176-264V	600mA	24-42V	0.9	>89%	115*38*23
PSPL-40-C0600-IP-25	25W	176-264V	600mA	24-42V	0.9	>89%	115*38*23
PSPL-40-C0650-IP-15	27W	176-264V	650mA	24-42V	0.9	>89%	115*38*23
PSPL-40-C0650-IP-25	27W	176-264V	650mA	24-42V	0.9	>89%	115*38*23
PSPL-40-C0700-IP-15	29W	176-264V	700mA	24-42V	0.9	>89%	115*38*23
PSPL-40-C0700-IP-25	29W	176-264V	700mA	24-42V	0.9	>89%	115*38*23
PSPL-40-C0750-IP-15	32W	176-264V	750mA	24-42V	0.9	>89%	115*38*23
PSPL-40-C0750-IP-25	32W	176-264V	750mA	24-42V	0.9	>89%	115*38*23
PSPL-40-C0800-IP-15	34W	176-264V	800mA	24-42V	0.9	>89%	115*38*23
PSPL-40-C0800-IP-25	34W	176-264V	800mA	24-42V	0.9	>89%	115*38*23
PSPL-40-C0850-IP-15	36W	176-264V	850mA	24-42V	0.9	>89%	115*38*23
PSPL-40-C0850-IP-25	36W	176-264V	850mA	24-42V	0.9	>89%	115*38*23
PSPL-40-C0900-IP-15	38W	176-264V	900mA	24-42V	0.9	>89%	115*38*23
PSPL-40-C0900-IP-25	38W	176-264V	900mA	24-42V	0.9	>89%	115*38*23
PSPL-40-C0950-IP-15	40W	176-264V	950mA	24-42V	0.9	>89%	115*38*23
PSPL-40-C0950-IP-25	40W	176-264V	950mA	24-42V	0.9	>89%	115*38*23
PSPL-40-C1000-IP-15	40W	176-264V	1000mA	24-40V	0.9	>89%	115*38*23
PSPL-40-C1000-IP-25	40W	176-264V	1000mA	24-40V	0.9	>89%	115*38*23
PSPL-40-C1050-IP-15	40W	176-264V	1050mA	24-38V	0.9	>89%	115*38*23
PSPL-40-C1050-IP-25	40W	176-264V	1050mA	24-38V	0.9	>89%	115*38*23

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

# PEAH-A3 Series

External Type, Flicker-free / **60W**

## Product Features

Plastic Housing, Isolated & Flicker-Free Design  
Flicker-Free Output, Compliant with ErP Flicker Requirements  
High Power Factor, Low THD, High Efficiency



## Parameters

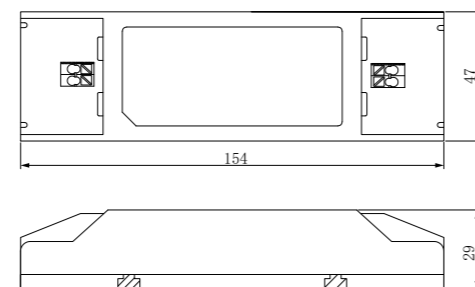
Model No.	Rated power	Input Voltage	Output Current	Output Voltage	PF	Efficiency	Dimension (mm)
PEAH060C0750NSLPA3	60W	176-264V	750mA	50-76V	>0.95	90%	154*47*29
PEAH060C0800NSLPA3	60W	176-264V	800mA	50-76V	>0.95	90%	154*47*29
PEAH060C1050NSLPA3	60W	176-264V	1050mA	40-55V	>0.95	90%	154*47*29
PEAH060C1100NSLPA3	60W	176-264V	1100mA	40-55V	>0.95	90%	154*47*29
PEAH060C1350NSLPA3	60W	176-264V	1350mA	27-42V	>0.95	90%	154*47*29
PEAH060C1400NSLPA3	60W	176-264V	1400mA	27-42V	>0.95	90%	154*47*29
PEAH060C1450NSLPA3	60W	176-264V	1450mA	27-40V	>0.95	90%	154*47*29
PEAH060C1500NSLPA3	60W	176-264V	1500mA	27-42V	>0.95	90%	154*47*29

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

## Specifications

_ Operating Voltage Range	176-264V
_ THD	< 20%
_ Surge	L-N:2KV
_ Startup Time	0.5S
_ Protection Rating	IP20
_ Ta	-25°C~+50°C
_ Protections	OCP , SCP

## Dimension



# PEKH-G Series

Slim & Elongated, Flicker-free / **30-45W**

## Product Features

Plastic Housing, Isolated & Flicker-Free Design  
Flicker-Free Output, Compliant with ErP Flicker Standards  
Class II Design , Suitable for External/Remote Mounting



## Parameters

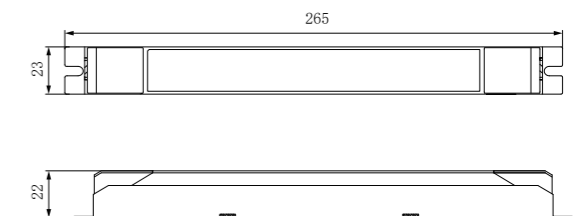
Model No.	Rated Power	Input Voltage	Output Current	Output Voltage	PF	Efficiency	Dimension (mm)
PEKH030C0350NSLPG1	30W	176-264V	350mA	50-76V	>0.95	86%	265*23*22
PEKH030C0700NSLPG1	30W	176-264V	700mA	27-42V	>0.95	86%	265*23*22
PEKH035C0350NSLPG1	35W	176-264V	350mA	70-95V	>0.95	88%	265*23*22
PEKH040C0700NSLPG1	40W	176-264V	700mA	40-55V	>0.95	88%	265*23*22
PEKH045C01050NSLPG1	45W	176-264V	1050mA	27-42V	>0.95	88%	265*23*22

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

## Specifications

_ Operating Voltage Range	176-264V
_ THD	10%
_ Surge	L-N:2KV
_ Startup Time	0.5S
_ Protection Rating	IP20
_ Ta	-20°C~+50°C
_ Protections	OCP , SCP

## Dimension



# PPL Series

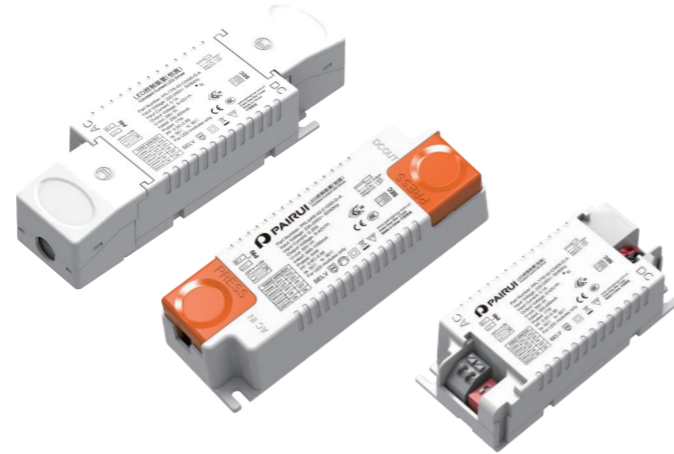
Suitable for Class I & II EMC Luminaires

## 11-44W

### Product Features

- Plastic housing two-staged flicker-free design
- Adjustable output current DIP Switch
- Start uptime < 500ms @ full load
- Application for luminaires of Class I or Class II

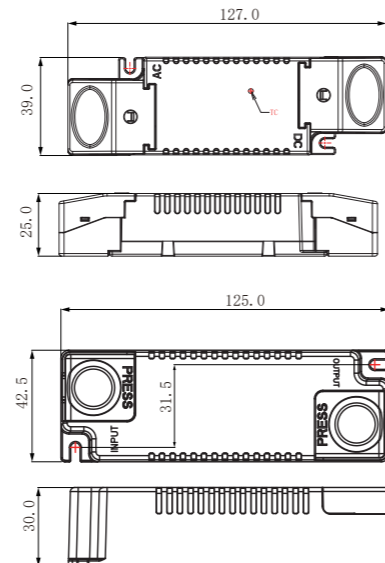
CE CB ErP UK CA



### Specifications

- Limited Voltage 176-264V
- THD < 20%
- Output Current Accuracy ± 5%
- Ripple Current ≤ 5%
- Ta -20 to +50°C
- Surge L-N: 1KV
- Warranty 5 years
- Protection Class Class I, Class II, SELV
- Protective Functions OCP, OVP

### Dimension



### Parameters

Model No.	Output Power	Input Voltage	Output Current	Output Voltage	PF	Efficiency	Dimension (mm)
PPL11W-42-C0250-B	11W	176-264V	250mA	9-42V	0.9	83%	built-in: 80*39*25 external type: 127*39*25
PPL11W-42-C0250-A	11W	176-264V	250mA	9-42V	0.9	83%	
PPL13W-42-C0300-B	13W	176-264V	300mA	9-42V	0.9	84%	
PPL13W-42-C0300-A	13W	176-264V	300mA	9-42V	0.9	84%	
PPL15W-42-C0350-B	15W	176-264V	350mA	9-42V	0.9	84.8%	
PPL15W-42-C0350-A	15W	176-264V	350mA	9-42V	0.9	85.5%	
PPL17W-42-C0400-B	17W	176-264V	400mA	9-42V	0.9	85.5%	
PPL17W-42-C0400-A	17W	176-264V	400mA	9-42V	0.9	85.5%	
PPL17W-42-C0400-D-B	17W	176-264V	250-400mA	9-42V	0.9	85.5%	
PPL17W-42-C0400-D-A	17W	176-264V	250-400mA	9-42V	0.9	85.5%	
PPL19W-42-C0450-A	19W	176-264V	450mA	9-42V	0.9	88%	
PPL19W-42-C0450-B	19W	176-264V	450mA	9-42V	0.9	88%	
PPL21W-42-C0500-A	21W	176-264V	500mA	9-42V	0.9	87.8%	
PPL21W-42-C0500-B	21W	176-264V	500mA	9-42V	0.9	87.8%	
PPL23W-42-C0550-A	23W	176-264V	550mA	9-42V	0.9	87.5%	
PPL23W-42-C0550-B	23W	176-264V	550mA	9-42V	0.9	87.5%	
PPL25W-42-C0600-D-A	25W	176-264V	450-600mA	9-42V	0.9	87%	
PPL25W-42-C0600-D-B	25W	176-264V	450-600mA	9-42V	0.9	87%	
PPL38W-42-C0900-A	38W	176-264V	900mA	9-42V	0.9	90.5%	125*42.5*30
PPL38W-42-C0900-B	38W	176-264V	900mA	9-42V	0.9	90.5%	125*42.5*30
PPL40W-42-C0950-A	40W	176-264V	950mA	9-42V	0.9	90.8%	125*42.5*30
PPL40W-42-C0950-B	40W	176-264V	950mA	9-42V	0.9	90.8%	125*42.5*30
PPL42W-42-C1000-A	42W	176-264V	1000mA	9-42V	0.9	91%	125*42.5*30
PPL42W-42-C1000-B	42W	176-264V	1000mA	9-42V	0.9	91%	125*42.5*30
PPL44W-42-C1050-A	44W	176-264V	1050mA	9-42V	0.9	91%	125*42.5*30
PPL44W-42-C1050-B	44W	176-264V	1050mA	9-42V	0.9	91%	125*42.5*30
PPL44W-42-C1050-D-A	44W	176-264V	900-1050mA	9-42V	0.9	91%	125*42.5*30
PPL44W-42-C1050-D-B	44W	176-264V	900-1050mA	9-42V	0.9	91%	125*42.5*30

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

# PEAH-B2 Series

0-10V Dimming

15-40W

## Product Features

Plastic housing outgoing line design  
0-10V Dimming function  
IP40 rating for indoor and outdoor



## Parameters

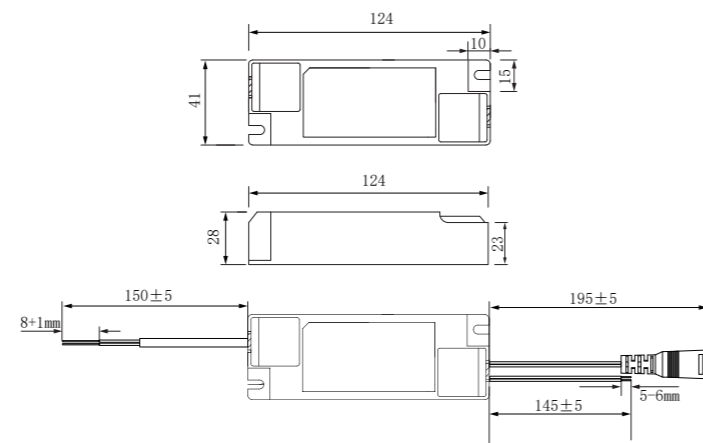
Model No.	Rated Power	Input Voltage	Output Current	Output Voltage	PF	Efficiency	Dimension (mm)
PEAH015C0250VSRPB2	15W	176-264V	250mA	27-44V	>0.9	76%	124*41*28
PEAH020C0400VSRPB2	20W	176-264V	400mA	27-42V	>0.9	76%	124*41*28
PEAH030C0600VSRPB2	30W	176-264V	600mA	27-42V	>0.9	82%	124*41*28
PEAH040C0850VSRPB2	40W	176-264V	830mA	27-40V	>0.9	84%	124*41*28

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

## Specifications

– Limited Voltage	176-264V
– THD	15%
– Ta	-25°C~+35°C
– PF	0.9
– Current Accuracy	±5%
– Surge	L-N;2KV
– Warranty	5 years
– Protection Rating	IP40
– Ta	-25°C~+35°C
– Protective Functions	OCP, SCP

## Dimension



# FIBH-T Series

Compact Type

26-42W

## Product Features

Plastic Housing, Isolated & Bipolar Flicker-Free Design  
4-Step DIP Switch for Multiple Selectable Output Currents  
Class II Design, Suitable for Luminaire Integration



## Parameters

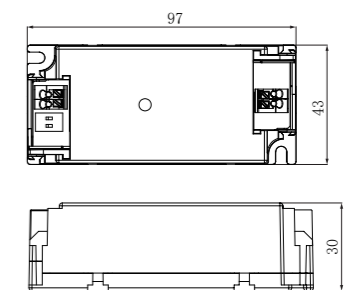
Model No.	Rated Power	Input Voltage	Output Current	Output Voltage	PF	Efficiency	Dimension (mm)
FIBH026C0650NSLPT2	26W	176-264V	500-650mA	27-40V	0.95	86%	97*43*30
FIBH034C0850NSLPT2	34W	176-264V	700-850mA	27-40V	0.95	87%	97*43*30
FIBH042C1050NSLPT2	42W	176-264V	900-1050mA	27-40V	0.95	88%	97*43*30

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

## Specifications

– Limited Voltage	176-264V
– THD	10%
– Surge	L-N;2KV
– Startup Time	0.5S
– Protection Rating	IP20
– Ta	-25°C~+50°C
– Protections	OCP, SCP

## Dimension



# FICH-R Series

Ta≥70°C, Fully Potted

## 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

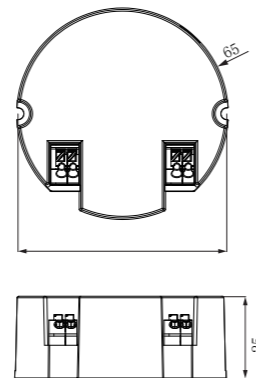
Model No.	Rated Power	Input Voltage	Output Current	Output Voltage	PF	Efficiency	Dimension (mm)
FICH028C0700NSLPR4	28W	176-264V	550-700mA	25-40V	0.95	87%	Φ65*25
FICH036C0900NSLPR4	36W	176-264V	750-900mA	25-40V	0.95	88%	Φ65*25

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

### Specifications

- Limited Voltage 176-264V
- THD < 10%
- Output Current Accuracy ±5%
- Ripple Current < 5%
- Ta -25°C-+70°C
- Surge L-N:2KV
- Warranty 5 years
- Protection Rating IP20
- Protective Functions OCP , SCP

### Dimension



# PECH-A Series

PF≥0.7, Compact Type

## 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

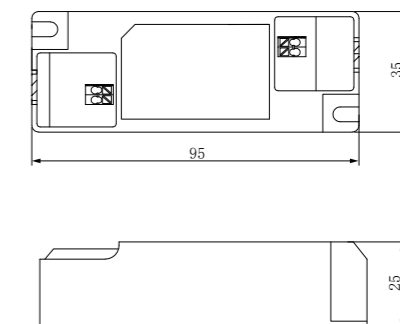
Model No.	Rated Power	Input Voltage	Output Current	Output Voltage	PF	Efficiency	Dimension (mm)
PECH003C0350NSLPA1	3W	176-264V	350mA	4-10V	0.7	72%	95*35*25
PECH003C0700NSLPA1	3W	176-264V	700mA	2-6V	0.7	70%	95*35*25
PECH006C0350NSLPA1	6W	176-264V	350mA	9-18V	0.7	75%	95*35*25
PECH006C0700NSLPA1	6W	176-264V	700mA	4-10V	0.7	72%	95*35*25
PECH009C0350NSLPA1	9W	176-264V	350mA	15-27V	0.7	80%	95*35*25
PECH009C0700NSLPA1	9W	176-264V	700mA	8-13V	0.7	80%	95*35*25
PECH012C0350NSLPA1	12W	176-264V	350mA	24-38V	0.7	82%	95*35*25
PECH012C0700NSLPA1	12W	176-264V	700mA	10-20V	0.7	82%	95*35*25
PECH015C0350NSLPA1	15W	176-264V	350mA	30-48V	0.7	83%	95*35*25
PECH020C0350NSLPA1	20W	176-264V	350mA	40-62V	0.7	83%	95*35*25
PECH020C0700NSLPA1	20W	176-264V	700mA	20-31V	0.7	82%	95*35*25

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

### Specifications

- Limited Voltage 176-264V
- THD < 10%
- Output Current Accuracy ±5%
- Ripple Current ±5%
- Ta -25°C-+50°C
- Surge L-N:2KV
- Warranty 3 years
- Protection Rating IP20
- Protective Functions OCP , SCP

### Dimension



# AAE Series

Wide Voltage Input / **20W**

## Product Features

- Wide Voltage Input: 110 to 264VAC
- Surge: 1.5kV
- Flicker-Free, External Isolation
- Ingress Protection: IP20
- Dimensions: 96\*36\*25mm
- Warranty: 5 Years



## Parameters

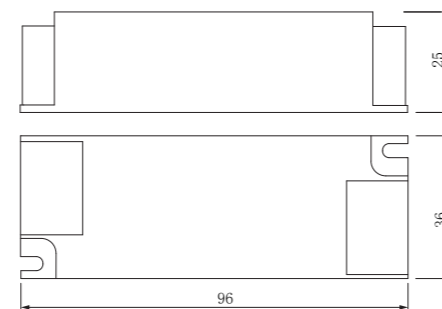
Model No.	Rated Power	Input Voltage	Output Current	Output Voltage	PF	Efficiency	Dimension (mm)
AAE20-C350	20W	110-264V	350mA	30-58V	>0.95	88%	96*36*25

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

## Specifications

- \_ Operating Voltage Range 110-264V
- \_ THD 10%
- \_ Surge L-N: 1.5KV
- \_ Startup Time 0.5S
- \_ Protection Rating IP20
- \_ Ta -20°C ~ +45°C
- \_ Protections OCP, SCP

## Dimension

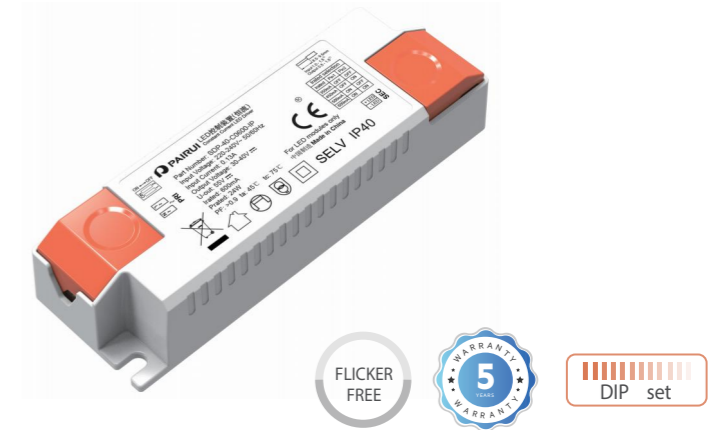


# SDP Series

Support 4-Step Current Adjustment / **8-24W**

## Product Features

- Plastic housing two-staged flicker-free design
- Adjustable output current DIP Switch
- Start uptime < 500ms @ full load
- Suitable for Class II luminaires
- Degree of protection IP40



## Parameters

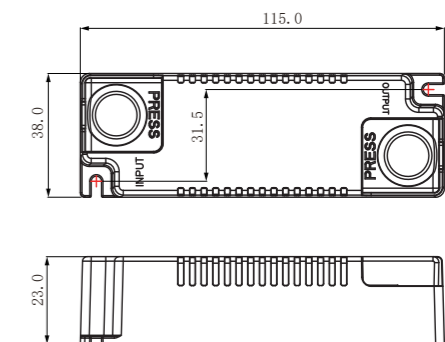
Model No.	Rated Power	Input Voltage	Output Current	Output Voltage	PF	Efficiency	Dimension (mm)
SDP-40-C0220-IP	8.8W	176-264V	110-220mA	30-40V	0.95	85%	115 * 38 * 23
SDP-40-C0350-IP	14W	176-264V	220-350mA	30-40V	0.95	86%	115 * 38 * 23
SDP-40-C0600-IP	24W	176-264V	350-600mA	30-40V	0.95	88%	115 * 38 * 23

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

## Specifications

- \_ Limited Voltage 176-264V
- \_ THD < 15%
- \_ Output Current Accuracy ±5%
- \_ Ta -25°C ~ +45°C
- \_ Surge L/N 1.5 KV/2Ω
- \_ Warranty 5 years
- \_ Protection Rating IP40
- \_ Protective Functions OCP, OVP

## Dimension



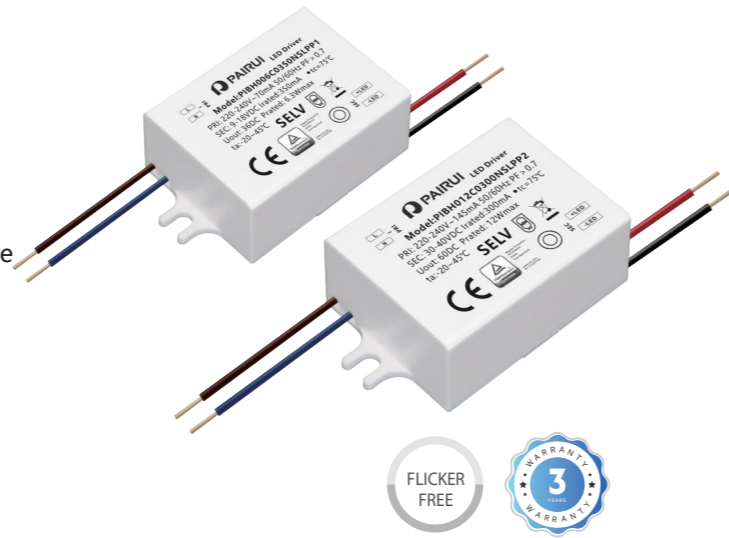
# PIBH-P Series

PF≥0.7, Mini Type

3-12W

## 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

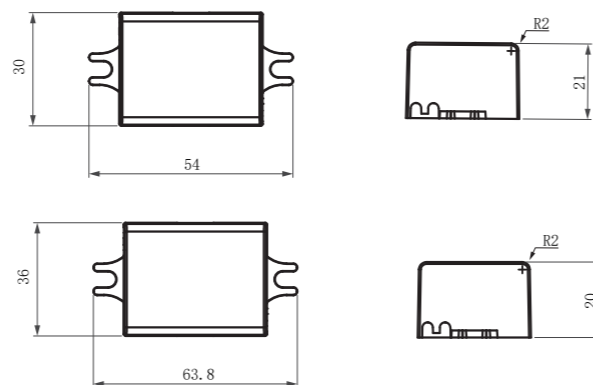
Model No.	Rated Power	Input Voltage	Output Current	Output Voltage	PF	Efficiency	Dimension (mm)
PIBH003C0350NSLPP1	3W	176-264V	350mA	4-10V	0.7	72%	54*30*21
PIBH003C0700NSLPP1	3W	176-264V	700mA	2-6V	0.7	70%	54*30*21
PIBH006C0350NSLPP1	6W	176-264V	350mA	9-18V	0.7	75%	54*30*21
PIBH006C0700NSLPP1	6W	176-264V	700mA	4-10V	0.7	72%	54*30*21
PIBH009C0350NSLPP2	9W	176-264V	350mA	15-27V	0.7	80%	63.8*36*20
PIBH009C0700NSLPP2	9W	176-264V	700mA	8-13V	0.7	80%	63.8*36*20
PIBH012C0350NSLPP2	12W	176-264V	350mA	24-38V	0.7	82%	63.8*36*20
PIBH012C0700NSLPP2	12W	176-264V	700mA	10-20V	0.7	82%	63.8*36*20

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

## Specifications

- Limited Voltage 176-264V
- THD < 10%
- Output Current Accuracy ±5%
- Ripple Current ±5%
- Ta -20°C~+50°C
- Surge L-N:2KV
- Warranty 3 years
- Protection Rating IP20/IP44
- Protective Functions OCP, SCP

## Dimension



# AAT Series

LED Emergency Power Supply

3W/5W/12W

## Product Features

- Supports Wide Range Input
- Constant Current mode
- During self-testing and emergency operation: Short-circuit/ open-circuit fault detection for light sources, No-output failure detection



## Parameters

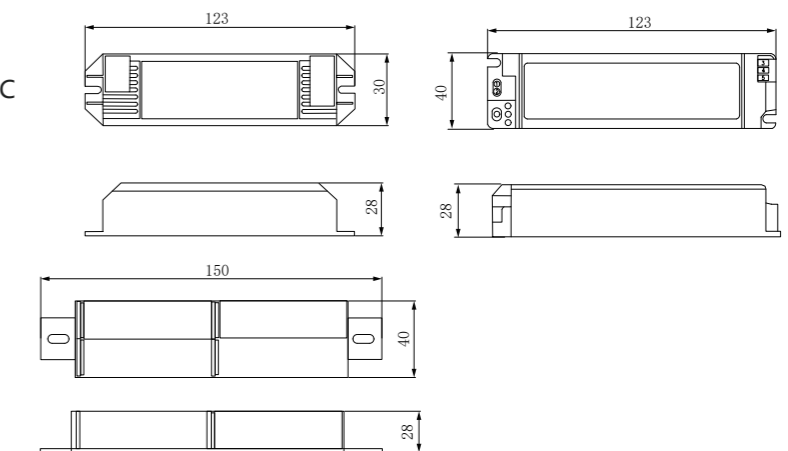
Model No.	Rated Power	Input Voltage	Output Current	Output Voltage	PF	Efficiency	Dimension (mm)
AAT3-C40-T180	3W	85-264V	20-40mA	30-120V	>0.55	85%	150*40*28
AAT5-C50-T90	3W	100-264V	15-50mA	12-120V	>0.5	80%	123*30*28
AAT5-C50-T180	5W	100-264V	15-50mA	12-120V	>0.5	80%	123*30*28
AAT12-C150-T60	12W	85-264V	20-150mA	20-250V	>0.55	85%	150*40*28

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

## Specifications

- Limited Voltage 85-264V
- PF 0.5
- Ta -15°C~+55°C

## Dimension



# PXV Series

Constant Voltage, Built-in Type / **30-60W**

## Product Features

- Plastic housing constant voltage design
- Adjustable output current fixed
- Start uptime < 500ms @ full load
- Application for luminaires of Class II



## Parameters

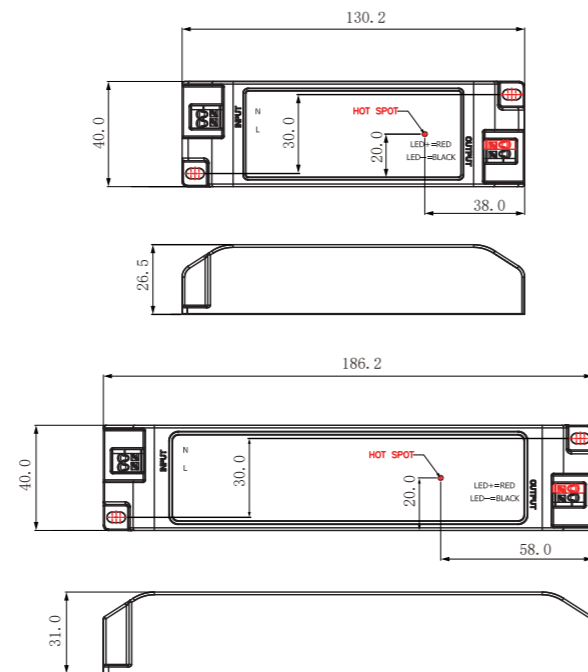
Model No.	Output Power	Input Voltage	Output Current	Output Voltage	PF	Efficiency	Dimension (mm)
PXV30W-24A	30W	176-264V	1250mA	24V	>0.9	86%	130.2*40*26.5
PXV60W-24A	60W	176-264V	2500mA	24V	>0.9	86%	186.2*40*31

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

## Specifications

- Limited Voltage 176-264V
- Voltage Accuracy ±3%
- Ripple Current ≤5%
- Ta -20°C-+50°C
- Surge L-N:1KV
- Warranty 5 years
- Protection Rating IP20
- Protective Functions /

## Dimension



# PXV Series

Constant Voltage, Built-in Type / **120-180W**

## Product Features

- Plastic housing constant voltage design
- Adjustable output current fixed
- Start uptime < 500ms @ full load
- Application for luminaires of Class II



## Parameters

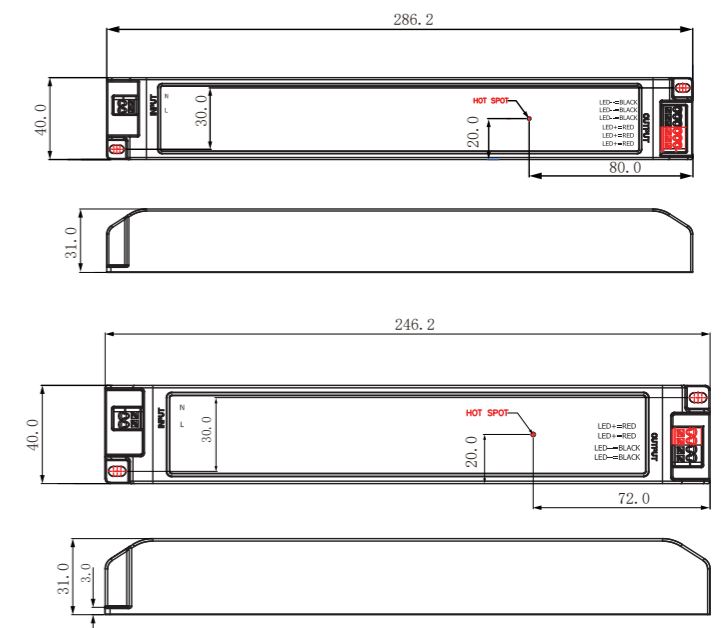
Model No.	Output Power	Input Voltage	Output Current	Output Voltage	PF	Efficiency	Dimension (mm)
PXV120W-24A	120W	176-264V	5000mA	24V	>0.9	89%	246.2*40*31
PXV180W-24A	180W	176-264V	7500mA	24V	>0.9	91%	286.2*40*31

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

## Specifications

- Limited Voltage 176-264V
- Voltage Accuracy ±3%
- Ripple Current ≤5%
- Ta -20°C-+50°C
- Surge L-N:1KV
- Warranty 5 years
- Protection Rating IP20
- Protective Functions /

## Dimension



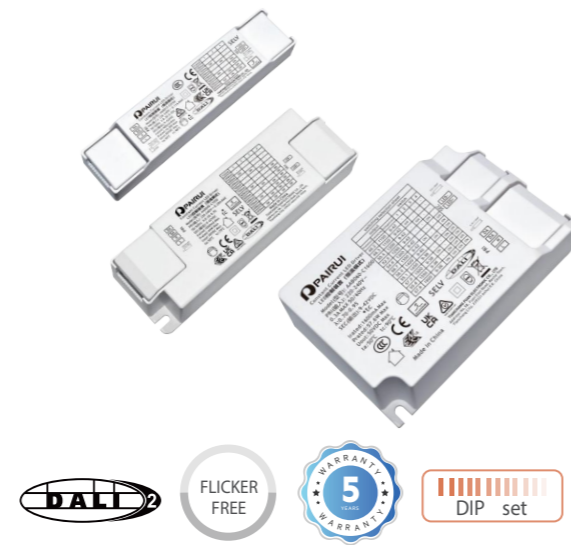
# AAB Series

Isolated 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 fixture
- High PF, 7% low THD, high efficiency
- Power ON time < 0.7s
- With short-circuit protection and over-current protection



### Parameters

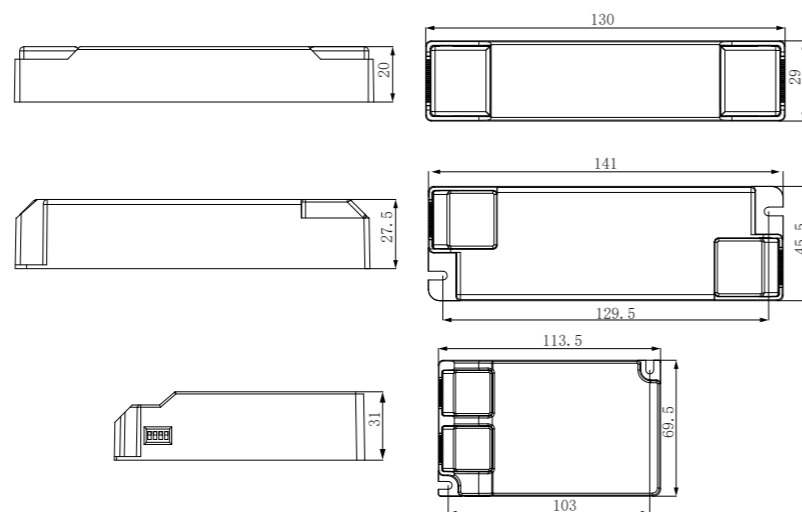
Model No.	Rated Power	Input Voltage	Output Current	Output Voltage	PF	Efficiency	Dimension (mm)
AAB015-C0350	15W	176-264V	100/150/200/250/ 300/350/400mA	9-42V	0.9	84%	130*29*22
AAB045-C1050	45W	176-264V	550/600/650/700/ 750/800/850/900/ 950/1000/1050mA	9-42V	0.95	88%	141*45.5*29
AAB060-C1600	60W	176-264V	1100/1150/1200/1250/ 1300/1350/1400/1450/ 1500/1550/1600mA	9-42V	0.95	88%	113.5*69.5*31

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

### Specifications

- Limited Voltage 176-264V
- THD < 10%
- Output Current Accuracy ±3%
- Ripple Current ±3%
- Ta -20°C-+60°C
- Surge L-N:2KV
- Warranty 5 years
- Protection Rating IP20
- Protective Functions OCP, SCP

### Dimension



# AAD Series

Non-isolated DT6

## 40-80W

### Product Features

- Metal housing non-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

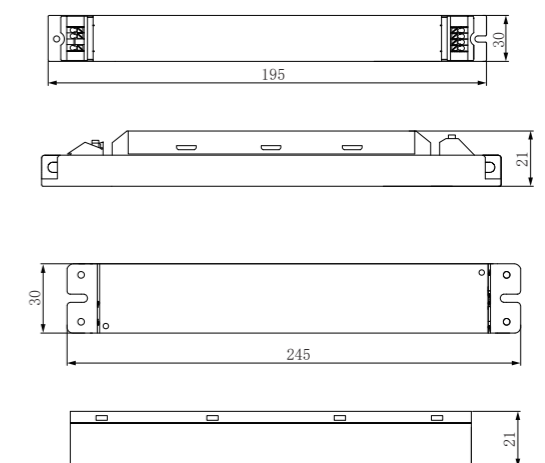
Model No.	Rated Power	Input Voltage	Output Current	Output Voltage	PF	Efficiency	Dimension (mm)
AAD040-C0400	40W	176-264V	72-400mA	50-240V	0.95	93%	195*30*21
AAD060-C0550	60W	176-264V	100-550mA	50-240V	0.95	93%	195*30*21
AAD080-C0800	80W	176-264V	400-800mA	50-240V	0.95	93%	243*30*21

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

### Specifications

- Limited Voltage 176-264V
- THD < 15%
- Output Current Accuracy ±5%
- Ripple Current ±5%
- Ta -20°C-+60°C
- Surge L-N:2KV, L/N-FG:2KV
- Warranty 5 years
- Protection Rating IP20
- Protective Functions OCP, SCP

### Dimension



# AAH Series

Non-isolated with Metal Housing / **20-80W**

## Product Features

- Non-isolated metal shell design
- Suitable for Class I luminaires
- High efficiency up to 91%
- step selectable output current
- 5 year warranty



## Parameters

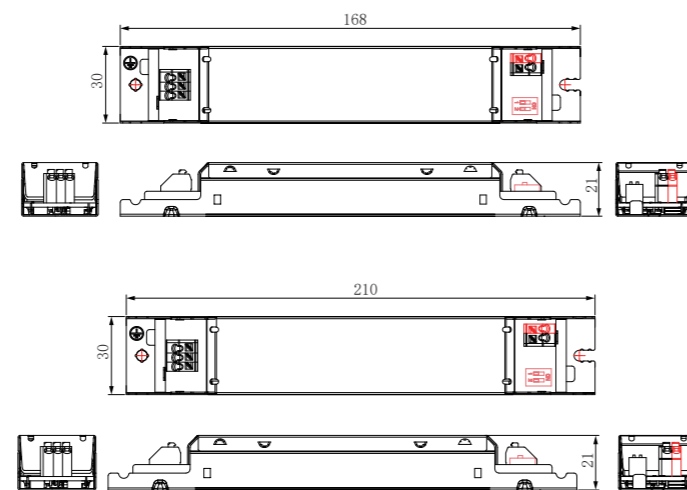
Model No.	Rated Power	Input Voltage	Output Current	Output Voltage	PF	Efficiency	Dimension (mm)
AAH20-C350	20W	176-264V	200/250/300/350mA	25-100V	0.9	88.5%	168*30*21
AAH40-C350	40W	176-264V	200/250/300/350mA	20-200V	0.95	92.5%	168*30*21
AAH60-C350	60W	176-264V	200/250/300/350mA	20-200V	0.95	93.5%	168*30*21
AAH80-C550	80W	176-264V	350/400/500/550mA	90-136V	0.95	94%	210*30*21

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

## Specifications

- Operating voltage range 176-264V
- THD <10%
- Ta -40°C~+60°C
- Surge protection (L-N) L-N;1.5KV
- Power factor (PF) 0.95
- Warranty 5 years
- Protection Rating IP20
- Protective Functions OCP, SCP

## Dimension

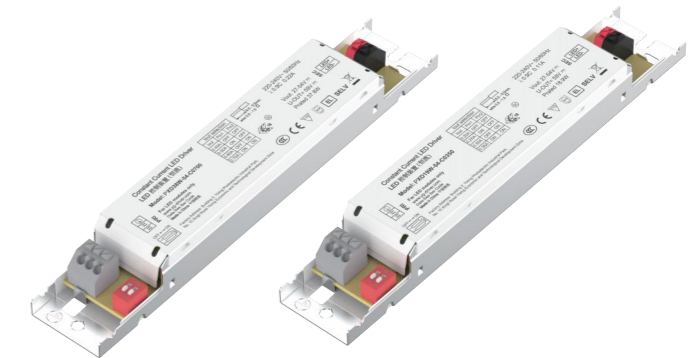


# PXD Series

Isolated with Metal Housing / **19-80W**

## Product Features

- Metal housing two-stage flicker-free design
- Adjustable output current DIP Switch
- Start uptime <500ms @ full load
- Application for luminaires of Class I & Class II
- 380V can operate for 30 minutes



## Parameters

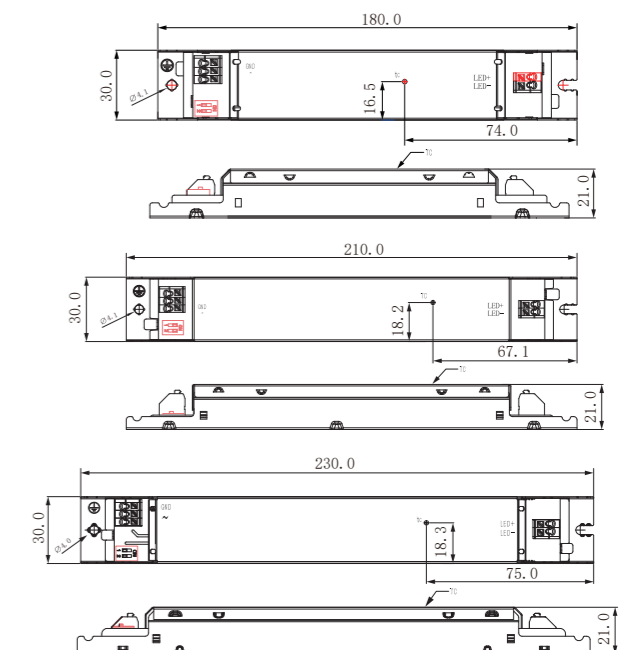
Model No.	Output Power	Input Voltage	Output Current	Output Voltage	PF	Efficiency	Dimension (mm)
The "-H" suffix denotes operation at Ta: 65°C							
PXD19W-54-C0350	20W	198-264/176-280V	200/250/300/350mA	27-54V	>0.95	85%	180*30*21
PXD40W-114-C0350	40W	198-264/176-280V	200/250/300/350mA	65-114V	>0.95	86%	180*30*21
PXD60W-85-C0700	60W	198-264/176-280V	550/600/650/700mA	47-85V	>0.95	88%	210*30*21
PXD60W-85-C0700-A	60W	198-264/176-280V	350/450/600/700mA	47-85V	>0.95	89%	210*30*21
PXD60W-85-C0700-A-H	60W	198-264/176-280V	350/450/600/700mA	47-85V	>0.95	88%	210*30*21
PXD80W-54-C0700	80W	198-264/176-280V	550/600/650/700mA	54-108V	>0.95	89%	230*30*21

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

## Specifications

- Limited Voltage 176-264VAC/176-280VDC
- THD <20%
- Output Current Accuracy ±5%
- Ripple Current ≤5%
- Ta -20°C~+50°C
- Surge L-N:1KV
- Warranty 5 years
- Protection Rating IP20
- Protective Functions OCP, OVP

## Dimension



# PIBU Series

0-10V Dimming, 108-305V Input / **30-60W**

## Product Features

- Isolated 0-10V Dimming with Flicker-Free Output Design
- 3-Step DIP Switch for Power Selection & 3-Step CCT (Correlated Color Temperature) Switching
- Class II Design, Suitable for Luminaire Integration
- Start-up Time: <0.5s
- Optional 12V Auxiliary Output



## Parameters

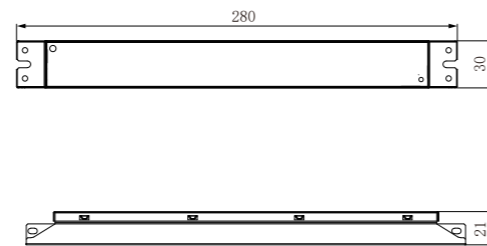
Model No.	Rated Power	Input Voltage	Output Current	Output Voltage	PF	Efficiency	Dimension (mm)
PIBU030C0800VSRMK2	30W	108-305V	750/650/540mA	30-42V	>0.9/0.95	87%	280*30*21
PIBU040C1050VSRMK2	40W	108-305V	1050/800/650mA	30-42V	>0.9/0.95	88%	280*30*21
PIBU050C1250VSRMK2	50W	108-305V	1250/1050/800mA	30-42V	>0.9/0.95	89%	280*30*21
PIBU060C1400VSRMK2	60W	108-305V	1400/1300/1200mA	30-42V	>0.9/0.95	89%	280*30*21
PIBU030C0800VDVDRMK2	30W	108-305V	750/650/540mA	30-42V	>0.9/0.95	87%	280*30*21
PIBU040C1050VDVDRMK2	40W	108-305V	1050/800/650mA	30-42V	>0.9/0.95	88%	280*30*21
PIBU050C1250VDVDRMK2	50W	108-305V	1250/1050/800mA	30-42V	>0.9/0.95	89%	280*30*21
PIBU060C1400VDVDRMK2	60W	108-305V	1400/1300/1200mA	30-42V	>0.9/0.95	89%	280*30*21

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

## Specifications

- \_ Operating Voltage Range 108-305V
- \_ THD 20%
- \_ Surge L-N:2KV
- \_ Startup Time 0.5S
- \_ Protection Rating IP20
- \_ Ta -25°C~+55°C
- \_ Protections OCP, SCP

## Dimension



# AAR Series

Economic Type / **100-320W**

## Product Features

- Constant Current output
- 3 in 1 Dimming Function: 0-10V, PWM, Resistor
- Potting design with metal casing
- Current adjustment via potentiometer



## Parameters

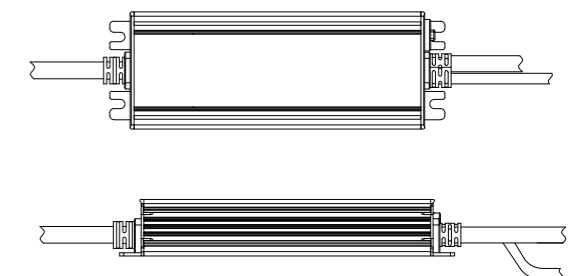
Model No.	Rated power	Input voltage	Output current	Output voltage	PF	Efficiency	Dimension (mm)
The model without suffix indicates the basic model The '-S' Indicates with dimming function							
AAR100-56-C2800	100W	108-305V	650-2800mA	25-56V	>0.97	90.5%	160*56*27
AAR100-56-C2800-S	100W	108-305V	650-2800mA	25-56V	>0.97	90.5%	160*56*27
AAR100-143-C1050	100W	108-305V	500-1050mA	71-143V	>0.97	91.5%	160*56*27
AAR100-143-C1050-S	100W	108-305V	500-1050mA	71-143V	>0.97	91.5%	160*56*27
AAR150-56-C4170	150W	108-305V	1340-4170mA	25-56V	>0.97	91%	185*63*32
AAR150-56-C4170-S	150W	108-305V	1340-4170mA	25-56V	>0.97	91%	185*63*32
AAR150-214-C1050	150W	108-305V	350-1050mA	95-214V	>0.97	92.5%	185*63*32
AAR150-214-C1050-S	150W	108-305V	350-1050mA	95-214V	>0.97	92.5%	185*63*32
AAR200-56-C5550	200W	108-305V	1390-5550mA	25-56V	>0.97	91.5%	198*63*32
AAR200-56-C5550-S	200W	108-305V	1390-5550mA	25-56V	>0.97	91.5%	198*63*32
AAR200-286-C1050	200W	108-305V	350-1050mA	143-286V	>0.97	92.5%	198*63*32
AAR200-286-C1050-S	200W	108-305V	350-1050mA	143-286V	>0.97	92.5%	198*63*32
AAR240-56-C6000	240W	108-305V	4300-6000mA	25-56V	>0.97	91.5%	206*63*32
AAR240-56-C6000-S	240W	108-305V	4300-6000mA	25-56V	>0.97	91.5%	206*63*32
AAR240-343-C1050	240W	108-305V	350-1050mA	171-343V	>0.97	93%	206*63*32
AAR240-343-C1050-S	240W	108-305V	350-1050mA	171-343V	>0.97	93%	206*63*32
AAR320-56-C8000	320W	108-305V	2850-8000mA	25-56V	>0.97	93%	216*63*32
AAR320-56-C8000-S	320W	108-305V	2850-8000mA	25-56V	>0.97	93%	216*63*32
AAR320-56-C8000	320W	108-305V	350-1100mA	228-457V	>0.97	93%	216*63*32

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

## Specifications

- \_ Operating Voltage Range 108-305V
- \_ THD 10%
- \_ Surge L/N 6 KV, L/N-PG 15KV
- \_ Startup Time 0.5S
- \_ Protection Rating IP67
- \_ Ta -40°C~+60°C
- \_ Protections OTP, SCP, OVP

## Dimension



# AAQ Series

Standard Type

## 30-240W

### Product Features

- Constant Current output
- 3 in 1 Dimming Function: 0-10V, PWM, Resistor
- Potting design with metal casing
- Current adjustment via potentiometer



### Parameters

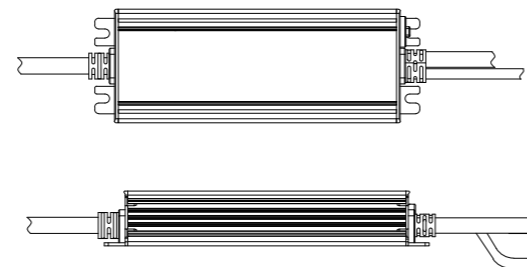
Model No.	Rated Power	Input Voltage	Output Current	Output Voltage	PF	Efficiency	Dimension (mm)
The model number does not have a tail vertebral letter to indicate the basic model The '-S' indicates with dimming function							
AAQ30-56-C1000	30W	108-305V	530-1000mA	25-56V	>0.95	85%	119*63*32
AAQ50-56-1700	50W	108-305V	890-1660mA	25-56V	>0.95	89%	119*63*32
AAQ50-72-1050	50W	108-305V	700-1050mA	36-72V	>0.95	89%	119*63*32
AAQ75-56-C2100	75W	108-305V	900-2100mA	25-56V	>0.95	89%	138*63*32
AAQ75-108-C1050	75W	108-305V	500-1050mA	54-108V	>0.95	90%	138*63*32
AAQ100-56-C2800	100W	108-305V	1300-2800mA	25-56V	>0.97	90.5%	153*63*32
AAQ100-143-C1050	100W	108-305V	500-1050mA	75-143V	>0.97	90.5%	153*63*32
AAQ150-56-C4170	150W	108-305V	2670-4170mA	25-56V	>0.97	91.5%	186*63*32
AAQ150-214-C1050	150W	108-305V	700-1050mA	95-214V	>0.97	93%	186*63*32
AAQ200-56-C5600	200W	108-305V	2600-5600mA	25-56V	>0.97	92%	199*63*37
AAQ200-143-C1050	200W	108-305V	700-1050mA	143-286V	>0.97	93.5%	199*63*37
AAQ240-56-C5600	240W	108-305V	4300-6700mA	25-56V	>0.97	92%	217*63*37
AAQ240-343-C1050	240W	108-305V	700-1050mA	171-343V	>0.97	93.5%	217*63*37

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

### Specifications

- Operating Voltage Range: 108-305V
- THD: 10%
- Surge: L/N 6KV, L/N-PG 15KV
- Startup Time: 0.5S
- Protection Rating: IP67
- Ta: -40°C~+60°C
- Protections: OTP, SCP, OVP

### Dimension



# AAP Series

Can start and work at -60°C

## 100-320W

### Product Features

- Can start and operate at -60°C
- Constant Current output
- 3 in 1 Dimming Function: 0-10V, PWM, Resistor
- 12V Auxiliary Cable
- Potting design with metal casing
- Current adjustment via potentiometer



### Parameters

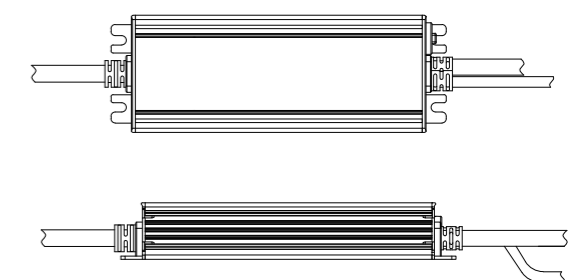
Model No.	Rated Power	Input Voltage	Output Current	Output Voltage	PF	Efficiency	Dimension (mm)
The model number does not have a tail vertebral letter to indicate the basic model The '-S' indicates with dimming function The '-X' represents the dimming function and 12V auxiliary output function Currently only producing AAP100W and AAP150W products							
AAP100-143-C1050	100W	108-305V	500-1050mA	60-143V	>0.97	92%	160*56*27
AAP100-143-C1050-S	100W	108-305V	500-1050mA	60-143V	>0.97	92%	160*56*27
AAP100-143-C1050-X	100W	108-305V	500-1050mA	60-143V	>0.97	92%	160*56*27
AAP150-214-C1050	150W	108-305V	500-1050mA	95-214V	>0.97	92.5%	206*63*32
AAP150-214-C1050-S	150W	108-305V	500-1050mA	95-214V	>0.97	92.5%	206*63*32
AAP150-214-C1050-X	150W	108-305V	500-1050mA	95-214V	>0.97	92.5%	206*63*32
AAP200-286-C0150	200W	108-305V	500-1050mA	143-286V	>0.97	92.5%	206*63*32
AAP200-286-C0150-S	200W	108-305V	500-1050mA	143-286V	>0.97	92.5%	206*63*32
AAP200-286-C0150-X	200W	108-305V	500-1050mA	143-286V	>0.97	92.5%	206*63*32
AAP240-343-C0150	240W	108-305V	500-1050mA	191-343V	>0.97	94%	206*63*32
AAP240-343-C0150-S	240W	108-305V	500-1050mA	191-343V	>0.97	94%	206*63*32
AAP240-343-C0150-X	240W	108-305V	500-1050mA	191-343V	>0.97	94%	206*63*32
AAP320-457-C0150	320W	108-305V	500-1100mA	228-457V	>0.97	94%	216*63*32
AAP320-457-C0150-S	320W	108-305V	500-1100mA	228-457V	>0.97	94%	216*63*32
AAP320-457-C0150-X	320W	108-305V	500-1100mA	228-457V	>0.97	94%	216*63*32

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

### Specifications

- Operating Voltage Range: 108-305V
- THD: 10%
- Surge: L/N 6 KV, L/N-PG 20 KV
- Startup Time: 0.5S
- Protection Rating: IP67
- Ta: -60°C~+60°C
- Warranty: 5 years
- Protections: OTP, SCP, OVP

### Dimension

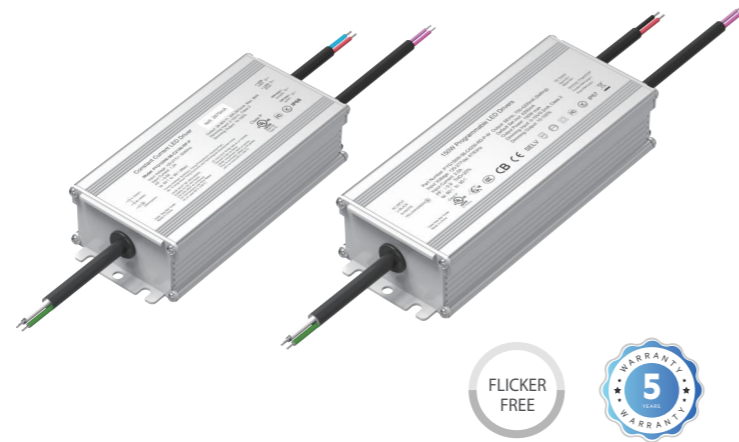


# PYG Series

PC Programmable / **40-150W**

## Product Features

- Aluminum Case
- Two-stage isolation type, Flicker-free
- PC programmable
- The programming cable and the dimming cable are combined to simplify the user's operation
- 0-10V/PWM Dim, 10-100% dimming
- Three time-controlled dimming modes



## Parameters

Model No.	Input Voltage	Max Output Power	Output Voltage	Programmable Output Current	PF	Efficiency	Dimension (mm)
The suffix "RP" indicates that 0-10V&"PWM" dimming function is supported. The suffix "P" indicates compliance with UL CLASS P standards. The suffix "W" indicates compliance with the European Union and UL standards for the use of wetlands.							
PYG40W-54-C1110-RP-P-W	90-305V	40W	27-54V	100-1110mA	>0.9	86%	145*66*36.5
PYG40W-54-C1110-RP-P	90-305V	40W	27-54V	100-1110mA	>0.9	86%	145*66*36.5
PYG40W-72-C0800-RP-P-W	90-305V	40W	36-72V	100-800mA	>0.9	86.5%	145*66*36.5
PYG40W-72-C0800-RP-P	90-305V	40W	36-72V	100-800mA	>0.9	86.5%	145*66*36.5
PYG60W-48-P-W	90-305V	60W	48V	2000mA	>0.9	87.5%	145*66*36.5
PYG60W-56-C4200-RP-P-W	90-305V	60W	28-56V	700-4200mA	>0.9	87.5%	165*66*36.5
PYG60W-107-C2080-RP-P-W	90-305V	60W	56-107V	500-2100mA	>0.9	87.5%	165*66*36.5
PYG60W-214-C1100-RP-P-W	90-305V	60W	107-214V	350-1000mA	>0.9	87.5%	165*66*36.5
PYG75W-56-C2100-RP-P-W	90-305V	75W	28-56V	350-2100mA	>0.9	88%	145*66*36.5
PYG75W-107-C1050-RP-P-W	90-305V	75W	53-107V	350-1050mA	>0.9	88%	145*66*36.5
PYG75W-24-P-W	90-305V	75W	24V	3100mA	>0.9	88%	145*66*36.5
PYG75W-48-P-W	90-305V	75W	48V	1560mA	>0.9	90%	145*66*36.5
PYG100W-56-C2670-RP-P-W	90-305V	100W	28-56V	350-2670mA	>0.9	92%	145*66*36.5
PYG100W-107-C1400-RP-P-W	90-305V	100W	53-107V	350-1400mA	>0.9	92%	145*66*36.5
PYG100W-192-C0800-RP-P-W	90-305V	100W	96-192V	300-800mA	>0.9	92%	145*66*36.5
PYG100W-24-P-W	90-305V	100W	24V	4000mA	>0.9	92%	145*66*36.5
PYG100W-48-P-W	90-305V	100W	48V	2000mA	>0.9	92%	145*66*36.5
PYG150W-56-C4200-RP-P-W	90-305V	150W	28-56V	700-4200mA	>0.9	93%	165*66*36.5
PYG150W-107-C2080-RP-P-W	90-305V	150W	56-107V	500-2100mA	>0.9	93%	165*66*36.5
PYG150W-214-C1100-RP-P-W	90-305V	150W	107-214V	350-1000mA	>0.9	93%	165*66*36.5

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

## Specifications

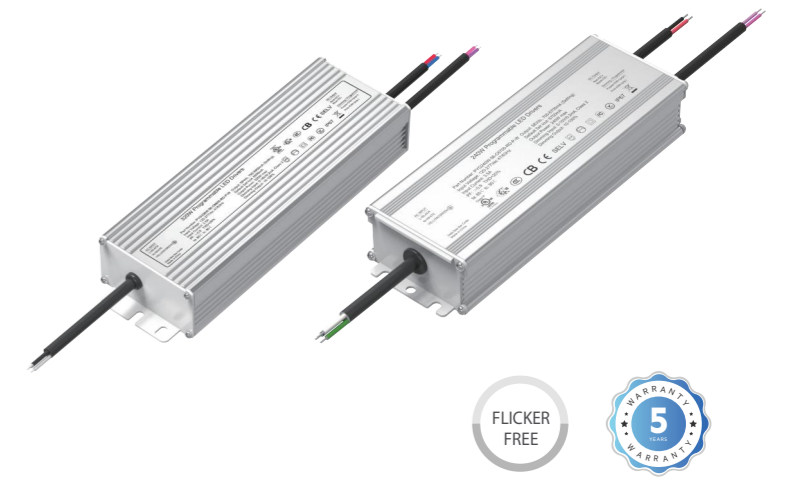
- Limited Voltage	90-305V	- Surge	L-N: 6KV/10KV
- THD	<20%	- Warranty	5 years
- Output Current Accuracy	±5%	- Protection Rating	IP67
- Ripple Current	Output LF Current Ripple (<120Hz) Typ:5%	- Protective Functions	OCP , OVP
- Ta	75-100W: -40~+55°C, 150W: -40~+50°C		

# PYG Series

PC Programmable / **200-320W**

## Product Features

- Aluminum Case
- Two-stage isolation type, Flicker-free
- PC programmable
- The programming cable and the dimming cable are combined to simplify the user's operation
- 0-10V/PWM Dim, 10-100% dimming
- Three time-controlled dimming modes



## Parameters

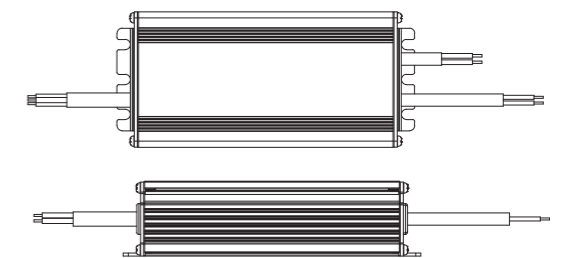
Model No.	Input Voltage	Max Output Power	Output Voltage	Programmable Output Current	PF	Efficiency	Dimension (mm)
The suffix "RP" indicates that 0-10V&"PWM" dimming function is supported. The suffix "P" indicates compliance with UL CLASS P standards. The suffix "W" indicates compliance with the European Union and UL standards for the use of wetlands.							
PYG200W-56-C5600-RP-P-W	90-305V	200W	28-56V	700-5600mA	>0.9	94%	195*66*36.5
PYG200W-150-C2100-RP-P-W	90-305V	200W	75-150V	500-2100mA	>0.9	94%	195*66*36.5
PYG200W-286-C1100-RP-P-W	90-305V	200W	143-286V	350-1100mA	>0.9	94%	195*66*36.5
PYG240W-56-C6700-RP-P-W	90-305V	240W	28-56V	700-6700mA	>0.9	94%	195*66*36.5
PYG240W-180-C2100-RP-P-W	90-305V	240W	90-180V	500-2100mA	>0.9	94%	195*66*36.5
PYG240W-342-C1100-RP-P-W	90-305V	240W	171-342V	350-1100mA	>0.9	94%	195*66*36.5
PYG320W-60-C7600-RP-P-W	90-305V	320W	30-60V	1000-7600mA	>0.9	95%	243*76*42
PYG320W-240-C2100-RP-P-W	90-305V	320W	120-240V	500-2100mA	>0.9	95%	243*76*42
PYG320W-457-C1100-RP-P-W	90-305V	320W	229-457V	350-1100mA	>0.9	95%	243*76*42

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

## Specifications

- Limited Voltage	90-305V
- THD	<20%
- Output Current Accuracy	±5%
- Ripple Current	Output LF Current Ripple (<120Hz) Typ:5%
- Ta	200-320W: -40~+50°C, 240W: 100-176VAC Input Ta: -40~+45°C 176-277VAC Input Ta: -40~+50°C
- Surge	L-N: 6KV/10KV
- Warranty	5 years
- Protection Rating	IP66/67
- Protective Functions	OCP , OVP

## Dimension



# PLY Series

NFC Programmable / **75-300W**

## Product Features

- Lumen Maintenance Compensation
- Bipolar Flicker-Free & Isolated Design
- NFC Programmable
- 0-10V/PWM Dimming, Dimming Range: 1-100%
- Dimming to Off, Standby Power Consumption: <0.5W
- Optional Auxiliary Output: CV 12V/24V
- NTC Temperature Protection



## Parameters

Model No.	Rated Power	Input Voltage	Output Current	Output Voltage	PF	Efficiency	Dimension (mm)
PLY75W-30-C2500-RDNFC-P-W-Z	75W	90-305V	350-2500mA	10-30V	>0.95	89.5%	213*61*38
PLY75W-55-C1400-RDNFC-P-W-Z	75W	90-305V	350-1400mA	10-55V	>0.95	89.5%	213*61*38
PLY75W-55-C2500-RDNFC-P-W-Z	75W	90-305V	350-2500mA	10-55V	>0.95	89.5%	213*61*38
PLY75W-150-C1400-RDNFC-P-W-Z	75W	90-305V	200-1400mA	26-150V	>0.95	92.1%	213*61*38
PLY100W-35-C2800-RDNFC-P-W-Z	96W	90-305V	350-2800mA	10-35V	>0.95	91%	213*61*38
PLY100W-54-C1750-RDNFC-P-W-Z	96W	90-305V	350-1750mA	10-54V	>0.95	91%	213*61*38
PLY100W-54-C2800-RDNFC-P-W-Z	96W	90-305V	350-2800mA	10-54V	>0.95	91%	213*61*38
PLY100W-55-C3500-RDNFC-P-W-Z	96W	90-305V	350-3500mA	10-55V	>0.95	91%	213*61*38
PLY100W-200-C1400-RDNFC-P-W-Z	96W	90-305V	200-1400mA	36-200V	>0.95	92%	213*61*38
PLY150W-55-C4200-RDNFC-P-W-Z	150W	90-305V	500-4200mA	10-55V	>0.95	91%	246*61*38
PLY150W-200-C2200-RDNFC-P-W-Z	150W	90-305V	300-2200mA	36-200V	>0.95	92%	246*61*38
PLY150W-300-C1400-RDNFC-P-W-Z	150W	90-305V	200-1400mA	54-300V	>0.95	93%	246*61*38
PLY200W-55-C5600-RDNFC-P-W-Z	200W	90-305V	600-5600mA	10-55V	>0.95	92%	283*61*38
PLY200W-200-C2800-RDNFC-P-W-Z	200W	90-305V	300-2800mA	36-200V	>0.95	93%	283*61*38
PLY200W-400-C1400-RDNFC-P-W-Z	200W	90-305V	200-1400mA	71-400V	>0.95	93.5%	283*61*38
PLY240W-55-C6000-RDNFC-P-W-Z	240W	90-305V	700-6000mA	10-55V	>0.95	92.5%	283*61*38
PLY240W-200-C3000-RDNFC-P-W-Z	240W	90-305V	350-3000mA	36-200V	>0.95	93%	283*61*38
PLY240W-450-C1400-RDNFC-P-W-Z	240W	90-305V	200-1400mA	82-450V	>0.95	93.5%	283*61*38
PLY300W-55-C6700-RDNFC-P-W-Z	300W	90-305V	1000-6700mA	10-55V	>0.95	92.5%	293*76*41
PLY300W-100-C4300-RDNFC-P-W-Z	300W	90-305V	700-4300mA	20-100V	>0.95	92.5%	293*76*41
PLY300W-200-C2800-RDNFC-P-W-Z	300W	90-305V	500-3000mA	36-200V	>0.95	93%	293*76*41
PLY300W-457-C1400-RDNFC-P-W-Z	300W	90-305V	200-1400mA	83-457V	>0.95	93.5%	293*76*41

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

## Specifications

- Operating Voltage Range: 90-305V
- THD: 20%
- Surge: L/N 6 KV, L/N-PG 10 KV
- Startup Time: 0.5S
- Protection Rating: IP67
- Ta: -40°C ~ +60°C
- Protections: OCP, SCP, OVP

## Dimension



# AAG Series

Small Size, Isolated / **60W**

## Product Features

- Aluminum case
- Isolated, flicker-free potting design
- Protection Rating: IP67
- Suitable for Class II luminaires



## Parameters

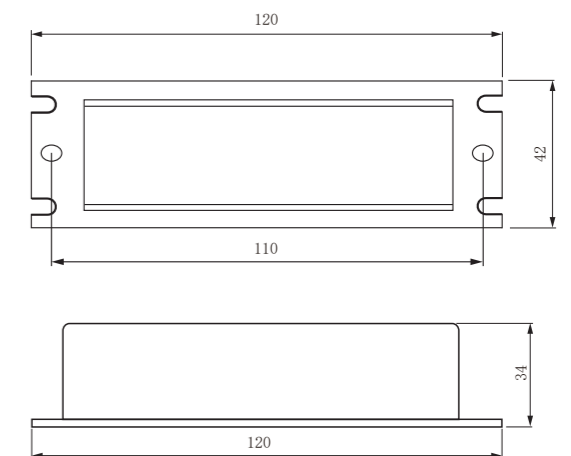
Model No.	Output Power	Input Voltage	Output Current	Output Voltage	PF	Efficiency	Dimension (mm)
AAG60-C0350	60W	176-264V	350mA	90-180V	0.95	89%	120*42*34
AAG60-C0700	60W	176-264V	700mA	40-85V	0.95	90%	120*42*34

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

## Specifications

- Limited Voltage: 176-264V
- THD: <10%
- Ta: -20°C ~ +50°C
- PF: 0.95
- Current Accuracy: ±5%
- Surge: L-N; 2KV
- Warranty: 5 years
- Protection Rating: IP67
- Protective Functions: OCP, SCP

## Dimension



# PGBH Series

Plastic Housing, IP67 / **12-40W**

## Product Features

- Plastic housing isolated flicker-free design
- Flicker-free output, which meets the requirement of ErP standard
- Protection Rating: IP67
- 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

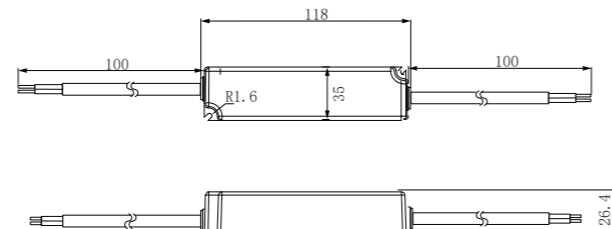
Model No.	Rated Power	Input Voltage	Output Current	Output Voltage	PF	Efficiency	Dimension (mm)
PGBH012C0300NSRPD1	12W	176-264V	300mA	27-42V	0.9	83%	118*35*26.4
PGBH015C0350NSLPD1	15W	176-264V	350mA	30-44V	0.9	85%	118*35*26.4
PGBH015C0700NSLPD1	15W	176-264V	700mA	15-22V	0.9	85%	118*35*26.4
PGBH020C0350NSLPD1	20W	176-264V	350mA	40-62V	0.9	85%	118*35*26.4
PGBH020C0700NSLPD1	20W	176-264V	700mA	20-31V	0.9	85%	118*35*26.4
PGBH030C0350NSLPD1	30W	176-264V	350mA	50-76V	0.9	87%	118*35*26.4
PGBH030C0700NSLPD1	30W	176-264V	700mA	27-42V	0.9	87%	118*35*26.4
PGBH035C0350NSLPD1	35W	176-264V	350mA	70-95V	0.9	88%	118*35*26.4
PGBH040C0700NSLPD1	40W	176-264V	700mA	40-55V	0.9	88%	118*35*26.4
PGBH045C1050NSLPD1	45W	176-264V	1050mA	27-42V	0.9	88%	118*35*26.4

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

## Specifications

- Limited Voltage 176-264V
- THD < 10%
- Output Current Accuracy ±5%
- Ripple Current ±5%
- Ta -25°C-+45°C
- Surge L-N:2KV
- Warranty 5 years
- Protection Rating IP67
- Protective Functions OCP , SCP

## Dimension



# PGBH Series

Plastic Housing, IP67 / **60W**

## Product Features

- Plastic housing isolated flicker-free design
- Flicker-free output, which meets the requirement of ErP standard
- Protection Rating: IP67
- 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

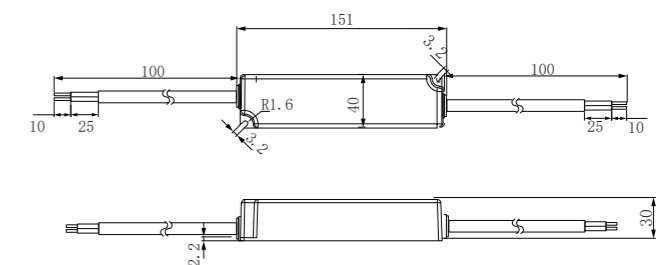
Model No.	Rated Power	Input Voltage	Output Current	Output Voltage	PF	Efficiency	Dimension (mm)
PGBH060C0700NSLPD2	60W	176-264V	700mA	60-86V	0.9	90%	151*40*30
PGBH060C1050NSLPD2	60W	176-264V	1050mA	40-57V	0.9	90%	151*40*30

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

## Specifications

- Limited Voltage 176-264V
- THD < 10%
- Output Current Accuracy ±5%
- Ripple Current ±5%
- Ta -25°C-+45°C
- Surge L-N:2KV
- Warranty 5 years
- Protection Rating IP67
- Protective Functions OCP , SCP

## Dimension



# AAJ Series

Non-isolated

## 40-500W

### Product Features

- Aluminum shell
- Bipolar non-isolated type, flicker-free
- Supports 0-10V dimming



### Parameters

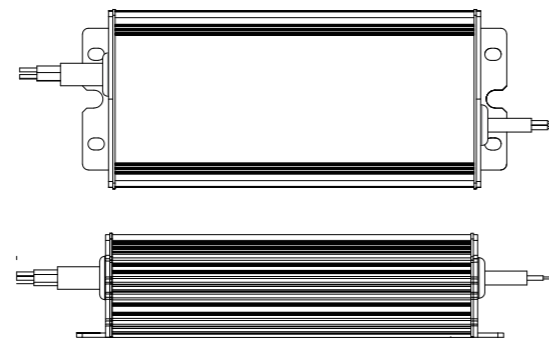
Model No.	Rated Power	Input Voltage	Output Current	Output Voltage	PF	Efficiency	Dimension (mm)
AAJ40-C200	40W	90-305V	120-200mA	180-260V	>0.95	93%	129*61*35.5
AAJ60-C300	60W	90-305V	200-300mA	180-260V	>0.95	94%	129*61*35.5
AAJ80-C400	80W	90-305V	200-400mA	180-260V	>0.95	94%	146.5*61*35.5
AAJ100-C500	100W	90-305V	300-500mA	180-260V	>0.95	95%	146.5*61*35.5
AAJ120-C600	120W	90-305V	400-600mA	180-260V	>0.95	95%	146.5*61*35.5
AAJ150-C750	150W	90-305V	500-750mA	180-260V	>0.95	95%	168.5*61*35.5
AAJ200-C1000	200W	90-305V	700-1000mA	180-260V	>0.95	96%	180.5*61*35.5
AAJ250-C1200	250W	90-305V	800-1200mA	180-260V	>0.95	96%	206.5*61*35.5
AAJ250-C1500	320W	90-305V	1000-1500mA	180-260V	>0.95	96%	216.5*68*39
AAJ400-C1650	400W	90-305V	1100-1650mA	210-360V	>0.95	96%	282.5*68*39
AAJ500-C2000	500W	90-305V	1350-2100mA	210-360V	>0.95	96%	282.5*68*39

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

### Specifications

- \_ Operating Voltage Range 90-305V
- \_ THD <20%
- \_ Surge DM(L/N):6KV  
CM (L/N-PE) :6KV
- \_ Startup Time 500ms
- \_ Insulation Resistance > 10MΩ
- \_ Protection Rating IP67
- \_ Ta -40°C~+60°C

### Dimension



# AAS Series

Non-isolated, UFO Type

## 120-240W

### Product Features

- Non-isolated Two-stage Flicker-free Design
- Constant current drive, output current manually adjustable
- Protection Rating: IP65
- Non isolated bipolar



### Parameters

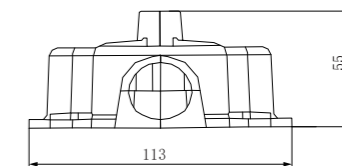
Model No.	Rated Power	Input Voltage	Output Current	Output Voltage	PF	Efficiency	Dimension (mm)
The model number does not have a tail vertebral letter to indicate the basic model The 'S' Indicates with dimming function							
AAS120-C700	120W	108-310V	300-600mA	180-260V	>0.95	93%	Φ113*55
AAS120-C700-S	120W	108-310V	300-600mA	180-260V	>0.95	93%	Φ113*55
AAS160-C750	160W	108-310V	400-800mA	180-260V	>0.95	94%	Φ113*55
AAS160-C750-S	160W	108-310V	400-800mA	180-260V	>0.95	94%	Φ113*55
AAS200-C1000	200W	108-310V	500-1000mA	180-260V	>0.95	94%	Φ113*55
AAS200-C1000-S	200W	108-310V	500-1000mA	180-260V	>0.95	94%	Φ113*55
AAS240-C1200	240W	108-310V	600-1200mA	180-260V	>0.95	94%	Φ113*55
AAS240-C1200-S	240W	108-310V	600-1200mA	180-260V	>0.95	94%	Φ113*55

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

### Specifications

- \_ Operating Voltage Range 108-310V
- \_ THD 10%
- \_ Surge L/N 5KV , L/N-PG 6KV
- \_ Startup Time 0.5S
- \_ Protection Rating IP65
- \_ Ta -25°C~+55°C
- \_ Protections OCP , SCP , OVP

### Dimension



# PR-MS10 Series

## Photosensor

### Product Features

Unique optical structure design addresses the issue of poor constant light precision

A 16-bit DIP switch is used to set the target illuminance, enabling convenient and fast debugging with visualized operation

Two installation methods can be switched easily, supporting flexible fixture-mounting or standalone installation

5-year warranty



### Parameters

Model No.	Input Voltage	Output Voltage	Dimension (mm)
PR-MS10	1-10V	1-10V	90*130

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

### Dimension

