

所有信息如有更改不另行通知，本公司保留对所有产品规格进行修改补充的权利  
All specification information is subject to change without notification



## LED驱动与电子镇流器 LED Driver & Electronic Ballast

Arcata Electronics Inc.



上海阿卡得电子有限公司  
Arcata Electronics Inc.

上海市青浦区练塘工业园盈天路128号  
No.128, Yingtian Rd, Liantang Industry Park, Qingpu,  
Shanghai, 201716

市场销售部  
Sales & Marketing Department

电话/TEL:(8621)5981 5518  
传真/FAX:(8621)5981 5271  
Email: Vincent.zhu@arcata-tech.com



产品手册  
Specialization  
Innovation  
and Efficiency





## Global Production Network:

- ★ Vietnam Manufacturing Base
- ★ China Manufacturing Base (Domestic)

## Our Core Competence:

- Cost-Effective Design
- US Market Expertise
- High-Volume Manufacturing
- Quality Control & Craftsmanship
- Rapid Client Response
- Seamless Team Collaboration
- Established Supply Chain

## TABLE OF CONTENTS

目录

A

**Non-Isolation  
High-Power Series**

B

**Universal 0-10V  
Dimming Series**

C

**Constant  
Voltage Series**

D

**EU-spec  
Product Series**

E

**Emergency Series**

## WARRANTY DESCRIPTION 质保说明

Arcata Electronics Inc (hereinafter called "ACT") warrants to the purchaser that its products will be free from defect in material and workmanship and will be of the designated kind and quality for specified warranty periods from the date of manufacture by ACT. This warranty is not applicable to any ballast which is not installed and operated in accordance with the current edition of the National Electric Code (NEC), all applicable state and local codes, and Underwriters' Laboratories, Inc. (UL) standards for safety. This warranty also is not applicable to any electronic ballast not installed and operated in accordance with all applicable American National Standards Institute (ANSI), and ACT's specifications for installation (including, but not limited to, approved OUTDOOR installations) or to any ballast which has been subjected to abnormal operating conditions including, but not limited to, maximum case temperatures marked on the ballast label.

If it appears within five (5) years from the date of manufacture that any ballast does not meet the warranty specified above, the purchaser must notify ACT and claim the requirement and replacement. If ACT confirms that the defects product has not performed in accordance with the terms of this warranty. ACT will either repair or replace the defects product for free at ACT's option. LIMITATIONS OF LIABILITY: under no circumstances, whether as a result of breach of contract, breach of warranty, tort or otherwise, will ACT be liable for consequential. Incidental, special or exemplary damages including , but not limited to , loss of profits, loss of use of or damage to any associated equipment, cost of capital, cost of substitute products, facilities or services, downtime costs, or claims of purchaser's customers.

This Warranty is designated a "LIMITED WARRANTY" pursuant to the Federal Consumer Product Warranties Act. This Warranty is in lieu of all other warranties whether statutory, express, implied, written or oral, including implied warranties of merchantability, suitability or fitness for particular purpose and except as specifically set forth above, no other warranties of any kind, statutory or otherwise are herein expressed.

1	Commercial/ Industry product with case Temp. 75 °C or below	5 years
2	Commercial/ Industry product with case Temp. 90 °C or below	3 years
3	"Residential Only" product	3 years
4	LED driver product with case Temp. 90 °C or below	5 years

All specification information is subject to change without notification.  
See warranty details of specific products in according product specifications.

## Model Naming Convention

S L a - Z Z Z b K K K K c d e f g h i j k m n

<b>SL</b>	Sold Lighting
<b>a</b>	Insulation code, I=Insulation, NI=Non-Insulation
<b>ZZZ</b>	Output Power
<b>b</b>	U=Constant Voltage , I=Constant Current
<b>KKKK</b>	Output Voltage or Current
<b>c</b>	Input Voltage, e.g.120-277=120-277Vac
<b>d</b>	Output Connection, W=Wire, C=Connector
<b>e</b>	Circuit Structure, X=Single stage, Y=Double stage
<b>f</b>	Control function, 0=Non, 1=0-10V, 2=1-10V, 3=Triac, 4=Wifi, 5=BLE, 6=DALI, .....
<b>g</b>	Dimming function, 0=Non, 1=Stepless, 2=2 Step, 3=3 Step, .....
<b>h</b>	CCT function, 0=Non, 1=Stepless, 2=2 Step, 3=3 Step, .....
<b>i</b>	Sensing function, 0=Non, 1=Pyroelectric, 2=Microwave, .....
<b>j</b>	Other function, 0=Non, 1=RGB, 2=RGBC, 3=RGBCW, .....
<b>k</b>	Function Reserved
<b>m</b>	Independent Output Function, S=+12V, .....
<b>n</b>	Sequential Number for Products of the Same Specification

# A

## Non-Isolation High-Power Series

Dual-Stage Flicker-Free Series  
Single-Stage Low-Flicker Series  
UFO Dual-Stage Flicker-Free Series  
UFO Single-Stage Low-Flicker Series

## A-1、Dual-Stage Flicker-Free Series

### Features

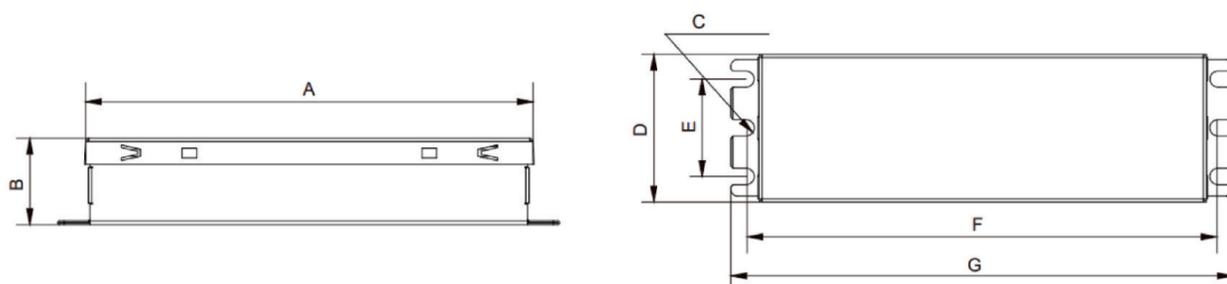
- Wide input range 100~305V AC
- High PF,high efficiency, low THD
- Dual-Stage Flicker-Free
- Metal case with IP54
- Surge protection with 6KV/6KV
- 3 in 1 dimming function (Dim to off and Isolation design)
- Lead Wires Power Adj
- 12V Auxiliary Output
- Protection functions: OVP/SCP/OCP/OTP
- Certified: UL, Class P
- Life time >50,000 hrs. and 5 years warranty



### Applications

- Mining Lighting
- Flood Lighting
- High-Mast Lighting
- High Bay
- Stadium Lighting
- Three-Proof Lighting
- Wall Lighting

Model	Power	Casing	Input Voltage	PF	Output Voltage	Output Current	Size (mm)		
							G	D	B
SLNI 100-IZZZZ 120-277 W Y130000+S A	100W	Iron	120-277Vac	≥0.9	160-260V	385-1000mA	160	51.5	33
SLNI 150-IZZZZ 120-277 W Y130000+S A	150W	Iron	120-277Vac	≥0.9	160-260V	385-1000mA	160	51.5	33
SLNI 200-IZZZZ 120-277 W Y130000+S A	200W	AL	120-277Vac	≥0.9	160-260V	780-1500mA	198	52.5	33.5
SLNI 250-IZZZZ 120-277 W Y130000+S A	250W	AL	120-277Vac	≥0.9	160-260V	780-1500mA	198	52.5	33.5
SLNI 300-IZZZZ 120-277 W Y130000+S A	300W	Iron	120-277Vac	≥0.9	160-260V	1150-2000mA	261	58.5	34.5
SLNI 350-IZZZZ 120-277 W Y130000+S A	350W	Iron	120-277Vac	≥0.9	210-360V	1150-2000mA	261	58.5	34.5
SLNI 400-IZZZZ 120-277 W Y130000+S A	400W	Iron	120-277Vac	≥0.9	210-360V	1150-2000mA	261	58.5	34.5



## A-2、Single-Stage Low-Flicker Series

### Features

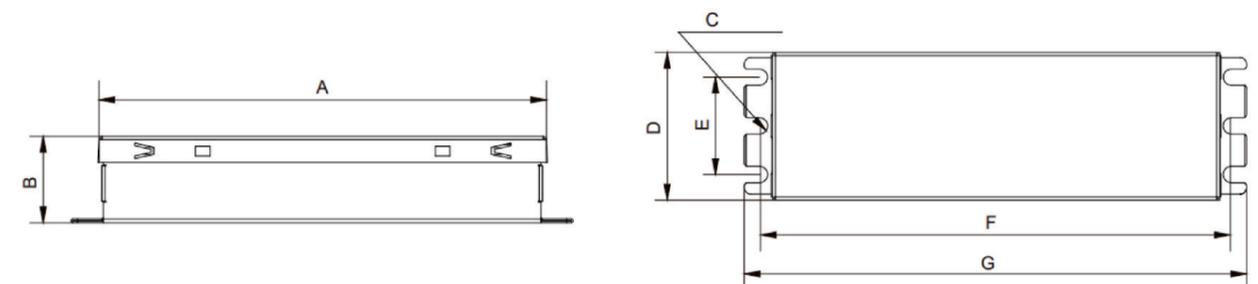
- Wide input range 100~305V AC
- High PF,high efficiency, low THD
- Low-Flicker: < 30%
- Metal case with IP54
- Surge protection with 4KV/6KV
- 3 in 1 dimming function (Dim to off and Isolation design)
- Lead Wires Power Adj
- Lux Sensing Dimming Function
- 12V Auxiliary Output
- Protection functions: OVP/SCP/OCP/OTP
- Certified: UL Class P
- Life time >50,000 hrs. and 5 years warranty



### Applications

- Mining Lighting
- Flood Lighting
- High-Mast Lighting
- High Bay
- Stadium Lighting
- Three-Proof Lighting
- Wall Lighting

Model	Power	Casing	Input Voltage	PF	Output Voltage	Output Current	Size (mm)		
							G	D	B
SLNI 60-IZZZZ 120-277 W X130100+S A	60W	Iron	120-277Vac	≥0.9	80-130V	300-800mA	140	42.5	33
SLNI 80-IZZZZ 120-277 W X130100+S A	80W	Iron	120-277Vac	≥0.9	80-130V	780-1500mA	140	42.5	33
SLNI 100-IZZZZ 120-277 W X130100+S A	100W	Iron	120-277Vac	≥0.9	80-130V	800-1200mA	152	51.5	33
SLNI 120-IZZZZ 120-277 W X130100+S A	120W	Iron	120-277Vac	≥0.9	80-130V	800-1200mA	152	51.5	33
SLNI 150-IZZZZ 120-277 W X130100+S A	150W	Iron	120-277Vac	≥0.9	80-130V	800-1200mA	152	51.5	33



### A-3、UFO Dual-Stage Flicker-Free Series

#### Features

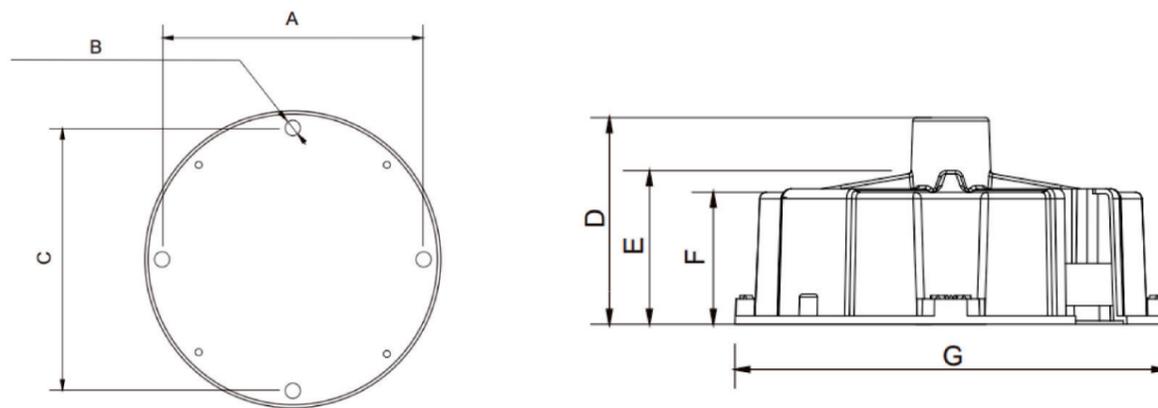
- Wide input range 100~305V AC
- High PF,high efficiency, low THD
- Dual-Stage Flicker-Free
- Metal case with IP67, suitable for outdoor application
- Surge protection with 6KV/6KV
- 3 in 1 dimming function (Dim to off and Isolation design)
- Built-in 3-Power Adj Switch and 3-CCT Adj Switch
- Lead Wires Power Adj
- 12V Auxiliary Output
- Protection functions: OVP/SCP/OCP/OTP
- Certified: UL, Class P
- Life time >50,000 hrs. and 5 years warranty



#### Applications

UFO-Shaped Lighting

Model	Power	Casing	Input Voltage	PF	Output Voltage	Output Current	Size (mm)		
							G	D	B
SLNI 150-IZZZZ 120-277 W Y133100+S A	150W	Iron	120-277Vac	≥0.9	160-260V	300-750mA	128	61	/
SLNI 200-IZZZZ 120-277 W Y133100+S A	200W	Iron	120-277Vac	≥0.9	160-260V	550-1250mA	150	61	/
SLNI 250-IZZZZ 120-277 W Y133100+S A	250W	Iron	120-277Vac	≥0.9	160-260V	780-1500mA	150	61	/



### A-4、UFO Single-Stage Low-Flicker Series

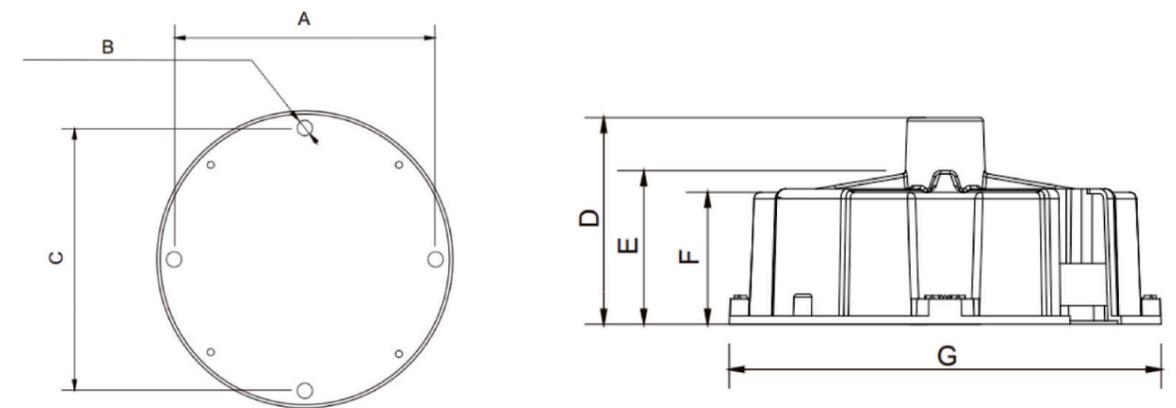
#### Features

- Wide input range 100~305V AC
- High PF,high efficiency, low THD
- Low-Flicker: < 30%
- Metal case with IP67, suitable for outdoor application
- Surge protection with 4KV/6KV
- 3 in 1 dimming function (Dim to off and Isolation design)
- Lead Wires Power Adj
- 12V Auxiliary Output
- Protection functions: OVP/SCP/OCP/OTP
- Certified: UL, Class P
- Life time >50,000 hrs. and 5 years warranty

#### Applications

UFO-Shaped Lighting

Model	Power	Casing	Input Voltage	PF	Output Voltage	Output Current	Size (mm)		
							G	D	B
SLNI 100-IZZZZ 120-277 W X130000+S A	100W	Iron	120-277Vac	≥0.9	80-130V	700-1000mA	128	61	/
SLNI 150-IZZZZ 120-277 W X130000+S A	150W	Iron	120-277Vac	≥0.9	80-130V	800-1200mA	128	61	/
SLNI 200-IZZZZ 120-277 W X130000+S A	200W	Iron	120-277Vac	≥0.9	80-130V	1000-1500mA	128	61	/



2026 New Products  
Coming Soon

# B

## Universal 0-10V Dimming Series

Thin-Long 0-10V Dimming Isolated Series  
Thin-Long 0-10V Dimming Non-Isolated Series  
Standard 0-10V Dimming Isolated Series  
Built-in Switch 0-10V Dimming Isolated Series

### B-1、Thin-Long 0-10V Dimming Isolated Series

#### Features

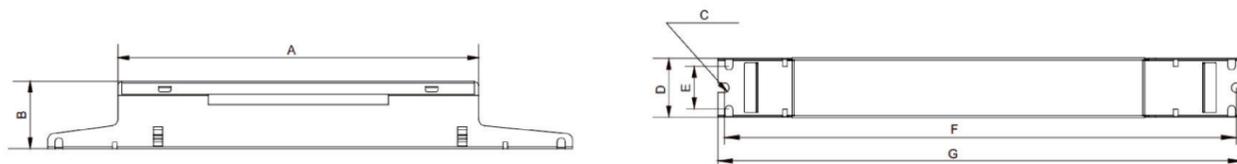
- Wide input range 100~305V AC
- High PF,high efficiency, low THD
- Dual-Stage Flicker-Free
- Isolated Class 2 Output
- Metal case with IP20
- Surge protection with 2KV/2KV
- 3 in 1 dimming function (Dim to off and Isolation design)
- Built-in 8-Power Adj Switch
- Lead Wires Power Adj
- 12V Auxiliary Output
- Protection functions: OVP/SCP/OCP/OTP
- Certified: UL, Class P
- Life time >50,000 hrs. and 5 years warranty



#### Applications

- Linear Lighting
- Bracket Lighting
- Three-Proof Lighting
- Panel Lighting
- Ceiling Lighting
- Pendant Lighting

Model	Power	Input Voltage	PF	Output Voltage	Output Current	Size (mm)		
						G	D	B
SLI 23-I590 120-277 C D1S + D3XD3 N1	23W	120-277Vac	≥0.9	24-38V	590mA	198	36	21
SLI 35-I960 120-277 C D1S + D3XD3 N1	35W	120-277Vac	≥0.9	24-38V	960mA	198	36	21
SLI 56-I1560 120-277 C D1S + D3XD3 N2	60W	120-277Vac	≥0.9	24-38V	1560mA	360	30	20
SLI 75-I2080 120-277 C D1S + D3XD3 N2	80W	120-277Vac	≥0.9	24-38V	2080mA	360	30	20
SLI 20-I515 100-277 C D5 N3	20W	100-347Vac	≥0.9	20-38V	600mA	193	26.5	30
SLI 30-I782 100-277 C D5 N4	30W	100-347Vac	≥0.9	20-38V	800mA	223	26.5	30
SLI 40-I1050 100-277 C D5 N4	40W	100-347Vac	≥0.9	20-38V	1000mA	223	26.5	30
SLI 60-I1582 100-277 C D5 N5	60W	100-347Vac	≥0.9	20-38V	1600mA	350	26.5	25.5
SLI 80-I2133 100-277 C D5 N5	80W	100-347Vac	≥0.9	20-38V	2200mA	350	26.5	25.5
SLI 96-I2667 100-277 C D5 N6	100W	100-347Vac	≥0.9	20-38V	2600mA	350	32.5	25.5



### B-2、Thin-Long 0-10V Dimming Non-Isolated Series

#### Features

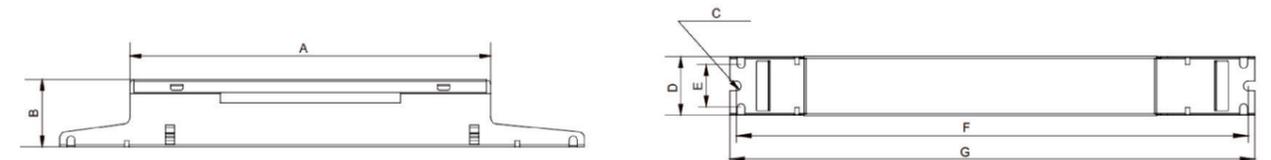
- Wide input range 100~305V AC
- High PF,high efficiency, low THD
- Low-Flicker: < 30%
- Metal case with IP20
- Surge protection with 2KV/4KV
- 3 in 1 dimming function (Dim to off and Isolation design)
- Lead Wires Power Adj
- Lux Sensing Dimming Function
- 12V Auxiliary Output
- Protection functions: OVP/SCP/OCP/OTP
- Certified: UL, Class P
- Life time >50,000 hrs. and 5 years warranty



#### Applications

- Linear Lighting
- Bracket Lighting
- Three-Proof Lighting
- Panel Lighting
- Ceiling Lighting
- Pendant Lighting

Model	Power	Input Voltage	PF	Output Voltage	Output Current	Size (mm)		
						G	D	B
SLNI 30-IZZZZ 120-277 C X130100+S A	30W	120-277Vac	≥0.9	50-150V	200-700mA	223	26.5	30
SLNI 60-IZZZZ 120-277 C X130100+S B	60W	120-277Vac	≥0.9	50-150V	300-1000mA	350	26.5	25.5
SLNI 100-IZZZZ 120-277 C X130100+S B	100W	120-277Vac	≥0.9	50-150V	500-1000mA	350	32.5	25.5



### B-3、 Standard 0-10V Dimming Isolated Series

#### Features

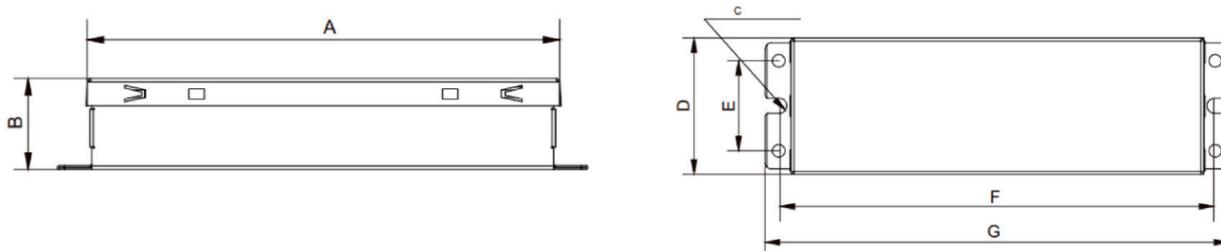
- Wide input range 100~380V AC
- High PF,high efficiency, low THD
- Dual-Stage Flicker-Free
- Isolated Class 2 Output
- Metal case with IP54
- Surge protection with 1KV/2KV
- 3 in 1 dimming function (Dim to off and Isolation design)
- Lead Wires Power Adj
- 12V Auxiliary Output
- Protection functions: OVP/SCP/OCP/OTP
- Certified: UL, Class P
- Life time >50,000 hrs. and 5 years warranty



#### Applications

- Linear Lighting
- Bracket Lighting
- Three-Proof Lighting
- Panel Lighting
- Ceiling Lighting
- Pendant Lighting

Model	Power	Input Voltage	PF	Output Voltage	Output Current	Size (mm)		
						G	D	B
SLI PP-IZZZZ 120-277 W Y130000 A	15-60W	120-277Vac	≥0.9	20-48V	300-1200mA	154	33	28
SLI PP-IZZZZ 120-347 W Y130000 A	15-60W	120-347Vac	≥0.9	20-48V	300-1200mA	154	33	28
SLI PP-IZZZZ 120-277 W Y130000 A	30-70W	120-277Vac	≥0.9	20-48V	400-1600mA	155	45	27
SLI PP-IZZZZ 120-347 W Y130000 A	30-70W	120-347Vac	≥0.9	20-48V	400-1600mA	155	45	27
SLI PP-IZZZZ 120-277 W Y130000 A	40-96W	120-277Vac	≥0.9	20-48V	400-2000mA	242	33.2	28
SLI PP-IZZZZ 120-347 W Y130000 A	40-96W	120-347Vac	≥0.9	20-48V	400-2000mA	242	33.2	28
SLI PP-IZZZZ 120-277 W Y130000 A	100-120W	120-277Vac	≥0.9	20-48V	2000-2500mA	242	44.5	30
SLI PP-IZZZZ 120-347 W Y130000 A	100-120W	120-347Vac	≥0.9	20-48V	2000-2500mA	242	44.5	30



### B-4、 Built-in Switch 0-10V Dimming Isolated Series

#### Features

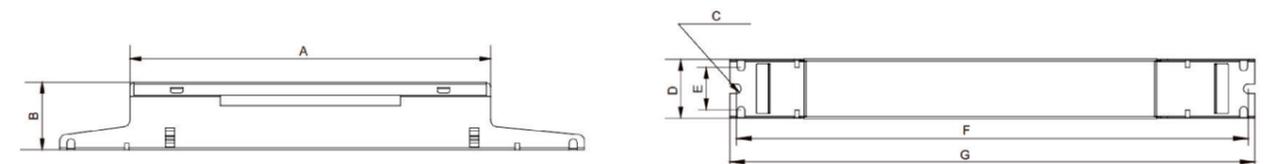
- Wide input range 108~305V AC
- High PF,high efficiency, low THD
- Low-Flicker: < 30%
- Metal case with IP20
- 3 in 1 dimming function (Dim to off and Isolation design)
- Built-in Dimming and CCT Switch
- Lead Wires Power Adj
- 12V Auxiliary Output
- Protection functions: OVP/SCP/OCP/OTP
- Certified: UL, Class P
- Life time >50,000 hrs. and 5 years warranty



#### Applications

- Linear Lighting
- Bracket Lighting
- Three-Proof Lighting
- Panel Lighting
- Ceiling Lighting
- Pendant Lighting

Model	Power	Input Voltage	PF	Output Voltage	Output Current	Size (mm)		
						G	D	B
SLN 25-IZZZZ 120-277 C X133000+S A	25W	120-277Vac	≥0.9	25-48V	200-500mA	198	36	21
SLN 40-IZZZZ 120-277 C X133000+S A	40W	120-277Vac	≥0.9	25-48V	500-800mA	198	36	21
SLN 60-IZZZZ 120-277 C X133000+S A	60W	120-277Vac	≥0.9	25-48V	800-1200mA	350	26.5	25.5
SLN 96-IZZZZ 120-277 C X133000+S A	96W	120-277Vac	≥0.9	25-48V	1200-2000mA	350	26.5	25.5



# C

## **Constant Voltage Series**

- Standard Constant Voltage Series
- High efficiency Constant Voltage Series
- Constant Voltage Dimming Series
- IP67 Constant Voltage Dimming Series

### C-1、Standard Constant Voltage Series

#### Features

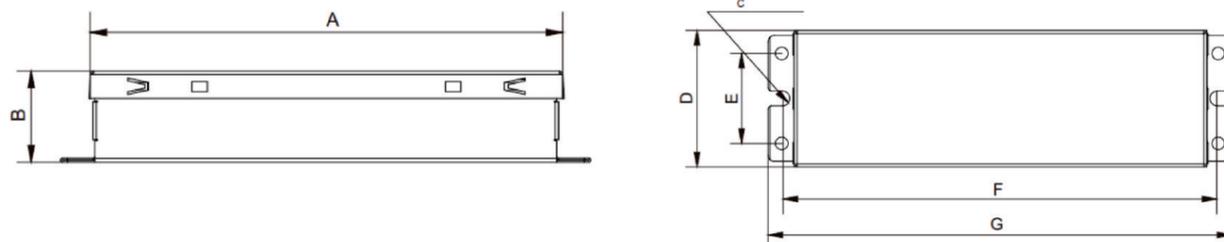
- Wide input range 100~305V AC
- High PF,high efficiency, low THD
- Isolated Class 2 Output
- Metal case with IP54
- Surge protection with 2KV/2KV
- Protection functions: OVP/SCP/OCP/OTP
- Certified: UL, Class P
- Life time >50,000 hrs. and 5 years warranty

#### Applications

- Commercial Lighting
- Home Lighting



Model	Power	IP Rating	Input Voltage	PF	Output Voltage	Output Current	Size (mm)		
							G	D	B
SL 60-U12 120-277 W A	60W	IP54	120-277Vac	≥0.9	12V	5000mA	155	45	26.5
SL 60-U24 120-277 W M	60W	IP54	120-277Vac	≥0.9	24V	2500mA	155	45	26.5
SL 80-U24 120-277 W A	80W	IP54	120-277Vac	≥0.9	24V	3300mA	242	44.5	30
SL 100-U24 120-277 W S	100W	IP54	120-277Vac	≥0.9	24V	4000mA	242	44.5	30
SLI 80-U12 120-277 W B	80W	IP54	120-277Vac	≥0.9	12V	6600mA	242	33.2	28
SLI 80-U24 120-277 W B	80W	IP54	120-277Vac	≥0.9	24V	3300mA	242	33.2	28
SLI 100-U12 120-277 W B	100W	IP54	120-277Vac	≥0.9	12V	8000mA	242	33.2	28
SLI 100-U24 120-277 W B	100W	IP54	120-277Vac	≥0.9	24V	4000mA	242	33.2	28



### C-2、High efficiency Constant Voltage Series

#### Features

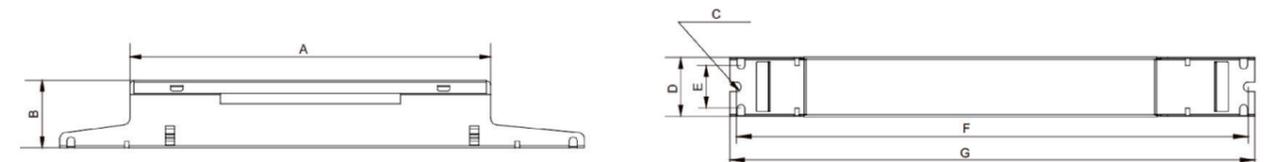
- Wide input range 100~305V AC
- High efficiency, > 93%
- High PF, low THD
- Isolated Class 2 Output
- Metal case with IP20
- Smaller width and smaller height
- Surge protection with 2KV/2KV
- Protection functions: OVP/SCP/OCP/OTP
- Certified: UL, Class P
- Life time >50,000 hrs. and 5 years warranty

#### Applications

- Commercial Lighting
- Home Lighting



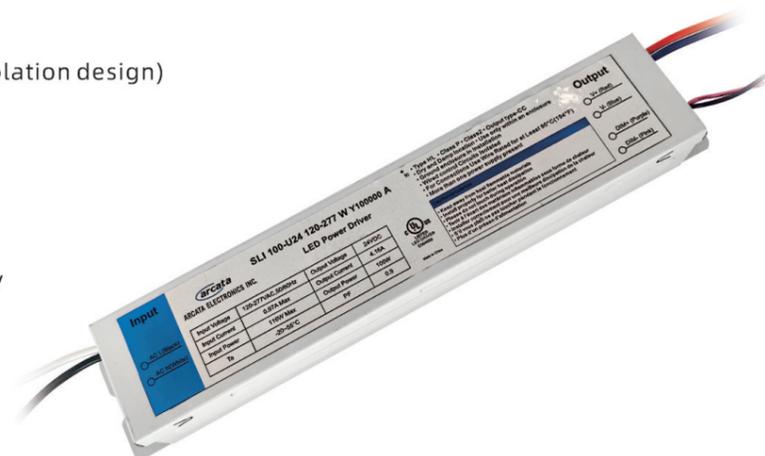
Model	Power	IP Rating	Input Voltage	PF	Output Voltage	Output Current	Size (mm)		
							G	D	B
SLI 80-U12 120-277 C H	80W	IP20	120-277Vac	≥0.9	12V	6600mA	350	26.5	25.5
SLI 80-U24 120-277 C H	80W	IP20	120-277Vac	≥0.9	24V	3300mA	350	26.5	25.5
SLI 100-U12 120-277 C H	100W	IP20	120-277Vac	≥0.9	12V	8000mA	350	26.5	25.5
SLI 100-U24 120-277 C H	100W	IP20	120-277Vac	≥0.9	24V	4000mA	350	26.5	25.5



### C-3、 Constant Voltage Dimming Series

#### Features

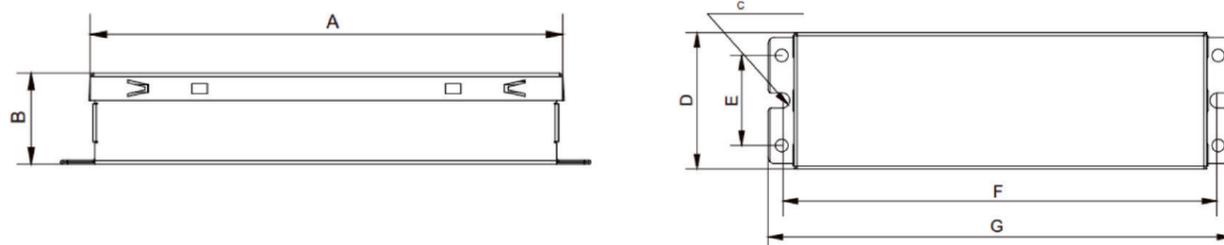
- Wide input range 100~305V AC
- High PF,high efficiency, low THD
- 3 in 1 dimming function (Dim to off and Isolation design)
- Isolated Class 2 Output
- Metal case with IP54
- Surge protection with 2KV/2KV
- Protection functions: OVP/SCP/OCP/OTP
- Certified: UL, Class P
- Life time >50,000 hrs. and 5 years warranty



#### Applications

- Commercial Lighting
- Home Lighting

Model	Power	IP Rating	Input Voltage	PF	Output Voltage	Output Current	Size (mm)		
							G	D	B
SLI 80-U12 120-277 W Y1000000 A	80W	IP20	120-277Vac	≥0.9	12V	6600mA	242	44.5	30
SLI 80-U24 120-277 W Y1000000 A	80W	IP20	120-277Vac	≥0.9	24V	3300mA	242	44.5	30
SLI 100-U12 120-277 W Y1000000 A	100W	IP20	120-277Vac	≥0.9	12V	8000mA	242	44.5	30
SLI 100-U24 120-277 W Y1000000 A	100W	IP20	120-277Vac	≥0.9	24V	4000mA	242	44.5	30



### C-4、 IP67 Constant Voltage Dimming Series

#### Features

- Wide input range 100~305V AC
- High PF,high efficiency, low THD
- Isolated Class 2 Output
- Metal case with IP67
- Surge protection with 6KV/6KV
- optional: 3 in 1 dimming function (Dim to off and Isolation design)
- Protection functions: OVP/SCP/OCP/OTP
- Certified: UL, Class P
- Life time >50,000 hrs. and 5 years warranty



#### Applications

- Skyscraper lighting
- Street lighting
- Floodlight Lighting
- Stage lighting
- Fishing lighting
- Horticulture lighting
- Bay lighting

Model	Power	IP Rating	Input Voltage	PF	Output Voltage	Output Current	Size (mm)		
							G	D	B
SLI 150-U12 120-277 W Y1000000 A	150W	IP67	120-277Vac	≥0.9	12V	12500mA			
SLI 150-U24 120-277 W Y1000000 A	150W	IP67	120-277Vac	≥0.9	24V	6250mA			
SLI 240-U12 120-277 W Y1000000 A	240W	IP67	120-277Vac	≥0.9	12V	200000mA			
SLI 240-U24 120-277 W Y1000000 A	240W	IP67	120-277Vac	≥0.9	24V	100000mA			
SLI 350-U12 120-277 W Y1000000 A	350W	IP67	120-277Vac	≥0.9	12V	292000mA			
SLI 350-U24 120-277 W Y1000000 A	350W	IP67	120-277Vac	≥0.9	24V	146000mA			



## EU-spec Product Series

EU-spec Plastic Casing Product Series  
EU-spec Iron Casing Product Series

### D-1、EU-spec Plastic Casing Product Series

#### Features

- Wide input range 198~264V AC
- High PF,high efficiency, low THD
- Dual-Stage Flicker-Free
- SELV Output
- 8-level current output can be realized by DIP-switch
- 3CCT by DIP-switch , e.g.4000K-5000K-6500K
- Protection functions: OVP/SCP/OCP/OTP
- Certified: CE,ENEC,UKCA
- Life time >50,000 hrs. and 5 years warranty



#### Applications

- Panel Lighting
- Ceiling Lighting

Model	Power	Input Voltage	PF	Output Voltage	Output Current	Function	Size (mm)		
							G	D	B
SLI 40-IZZZZ 220-240 C Y000000 A	40W	220-240Vac	≥0.9	20-40V	1200mA	/	137	45	28
SLI 40-IZZZZ 220-240 C Y080000 A	40W	220-240Vac	≥0.9	20-40V	1200mA	8-level current	137	45	28
SLI 40-IZZZZ 220-240 C Y003000 A	40W	220-240Vac	≥0.9	20-40V	1200mA	3 CCT	137	45	28
SLI 40-IZZZZ 220-240 C Y083000 A	40W	220-240Vac	≥0.9	20-40V	1200mA	8-level current 3 CCT	137	45	28

### D-2、EU-spec Iron Casing Product Series

#### Features

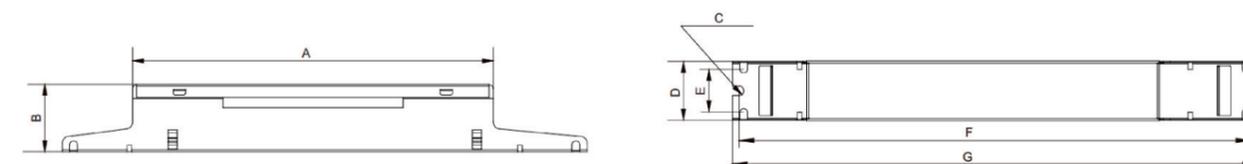
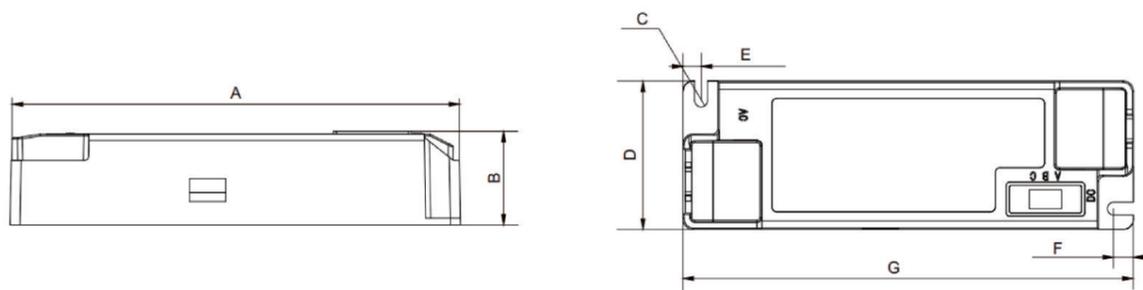
- Wide input range 198~264V AC
- High PF,high efficiency, low THD
- Dual-Stage Flicker-Free
- Non-Isolation output
- 4-level current output can be realized by DIP-switch
- 3CCT by DIP-switch , e.g.4000K-5000K-6500K
- Protection functions: OVP/SCP/OCP/OTP
- Certified: CE,ENEC,UKCA
- Life time >50,000 hrs. and 5 years warranty



#### Applications

- Linear Lighting
- Panel Lighting
- Ceiling Lighting

Model	Power	Input Voltage	PF	Output Voltage	Output Current	Function	Size (mm)		
							G	D	B
SLNI 20-IZZZZ 220-240 C Y043000 A	20W	220-240Vac	≥0.9	25-70V	350mA	4-level current 3 CCT	160	30	21.5
SLNI 40-IZZZZ 220-240 C Y043000 A	40W	220-240Vac	≥0.9	50-140V	350mA	4-level current 3 CCT	195	30	21.5
SLI 60-IZZZZ 220-240 C Y043000 A	60W	220-240Vac	≥0.9	80-200V	350mA	4-level current 3 CCT	195	30	21.5



# E

## Emergency Series

- Low-Voltage Emergency Discrete Series
- Low-Voltage Emergency Integrated Series
- High-Voltage Emergency Discrete Series
- High-Voltage Emergency Integrated Series

## E-1、Low-Voltage Emergency Discrete Series

### Features

- Wide input range 100~380V AC
- External LiFePO<sub>4</sub> and TLB optional
- Over charge protection, over discharge protection, and short circuit protection.
- Indicator shows a variety working modes
- Intelligent emergency automatic detection function, selftest function
- Emergency time 90 minutes
- Metal case with IP20
- Certified: UL924, FCC, ENEC
- Life time >50,000 hrs. and 5 years warranty



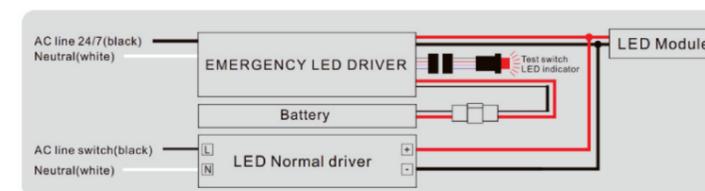
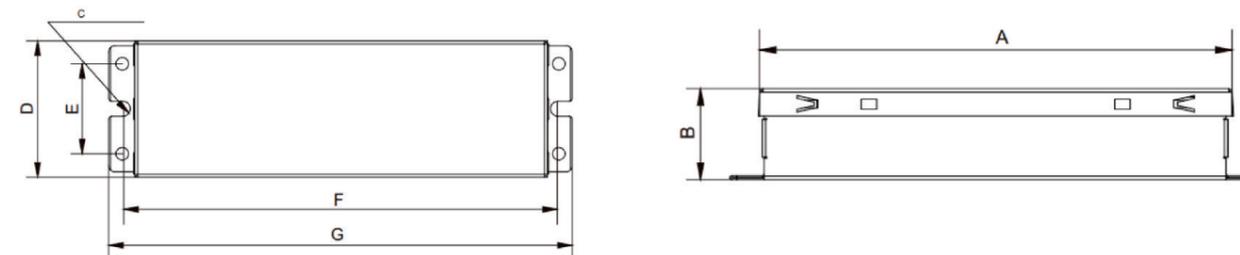
### Applications

- Commercial Lighting
- Home Lighting

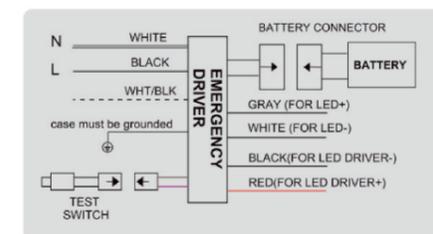
Model	Power	IP Rating	Input Voltage	PF	Output Voltage	Output Current	Size (mm)		
							G	D	B
EM-0525-CP-L-UL-5W	5W	IP20	120-347Vac	≥0.9	15-50V	350mA	177	32	19.5
EM-0525-CP-L-UL-8W	8W	IP20	120-347Vac	≥0.9	15-50V	550mA	177	32	19.5
EM-0525-CP-L-UL-16W	16W	IP20	120-347Vac	≥0.9	15-50V	1050mA	177	32	19.5
EM-0525-CP-L-UL-20W	20W	IP20	120-347Vac	≥0.9	25-50V	800mA	177	32	19.5

Model	Power	IP Rating	Input Voltage	PF	Output Voltage	Output Current	Size (mm)		
							G	D	B
EM-0525-CP-L-ENEC-5W	5W	IP20	220-240Vac	≥0.9	15-50V	350mA	177	32	19.5
EM-0525-CP-L-ENEC-8W	8W	IP20	220-240Vac	≥0.9	15-50V	550mA	177	32	19.5
EM-0525-CP-L-ENEC-16W	16W	IP20	220-240Vac	≥0.9	15-50V	1050mA	177	32	19.5
EM-0525-CP-L-ENEC-20W	20W	IP20	220-240Vac	≥0.9	25-50V	800mA	177	32	19.5

Model	Power	IP Rating	Input Voltage	PF	Output Voltage	Output Current	Size (mm)		
							G	D	B
EM-0825-010/105-P2 (1000mAH)	5W	IP20	120-347Vac	≥0.9	11-56V	300mA	150	45	25
EM-0825-010/105-P2 (1500mAH)	8W	IP20	120-347Vac	≥0.9	11-56V	450mA	150	45	25
EM-0825-010/105-P2 (2000mAH)	12W	IP20	120-347Vac	≥0.9	11-56V	600mA	150	45	25
EM-0825-010/105-P2 (3000mAH)	16W	IP20	120-347Vac	≥0.9	11-56V	900mA	150	45	25
EM-0825-010/105-P2 (6000mAH)	25W	IP20	220-240Vac	≥0.9	11-56V	1050mA	150	45	25



Wiring Diagram for Serial Numbers 1-8



Wiring Diagram for Serial Numbers 9-12

## E-2、Low-Voltage Emergency Integrated Series

### Features

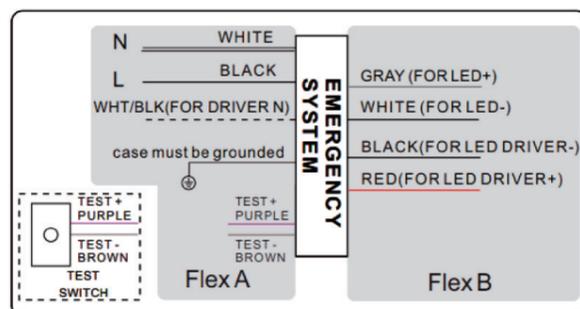
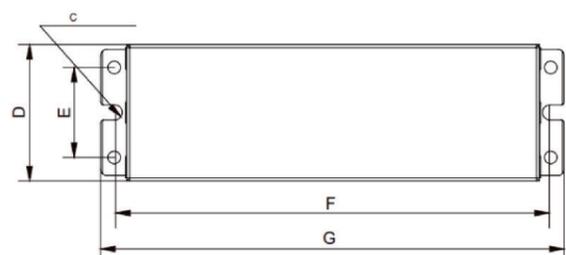
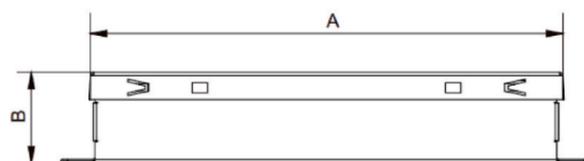
- Wide input range 100~380V AC
- Built-in LiFePO<sub>4</sub> Battery
- Over charge protection, over discharge protection, and short circuit protection.
- Indicator shows a variety working modes
- Intelligent emergency automatic detection function, selftest function
- Emergency time 90 minutes
- Metal case with IP20
- Certified: UL924, FCC, ENEC
- Life time >50,000 hrs. and 5 years warranty



### Applications

Commercial Lighting      Home Lighting

Model	Power	IP Rating	Input Voltage	PF	Output Voltage	Output Current	Size (mm)		
							G	D	B
EMJ-0825-010/105-J2-05W	5W	IP20	120-347Vac	≥0.9	11-56V	300mA	265	56	55.5
EMJ-0825-010/105-J2-08W	8W	IP20	120-347Vac	≥0.9	11-56V	450mA	265	56	55.5
EMJ-0825-010/105-J2-16W	16W	IP20	120-347Vac	≥0.9	11-56V	900mA	265	56	55.5
EMJ-0825-010/105-J2-25W	25W	IP20	220-240Vac	≥0.9	11-56V	1050mA	265	56	55.5



## E-3、High-Voltage Emergency Discrete Series

### Features

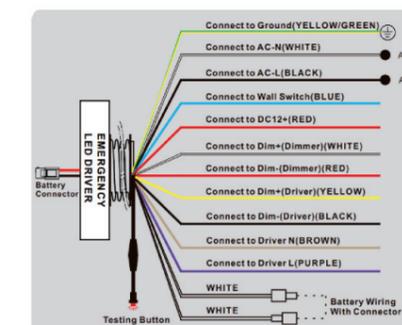
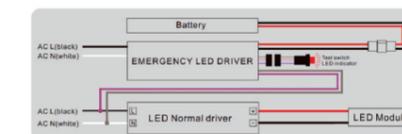
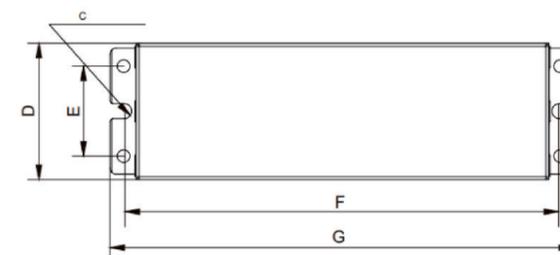
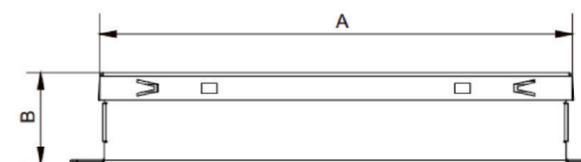
- Wide input range 100~380V AC
- Output Voltage, 170Vdc
- Isolated Safe Charging
- External LiFePO<sub>4</sub> and TLB optional
- Over charge protection, over discharge protection, and short circuit protection.
- Indicator shows a variety working modes
- Intelligent emergency automatic detection function, selftest function
- Emergency time 90 minutes
- Metal case with IP20
- Certified: UL924, FCC, ENEC
- Life time >50,000 hrs. and 5 years warranty



### Applications

Commercial Lighting      Home Lighting

Model	Power	IP Rating	Input Voltage	PF	Output Voltage	Output Current	Size (mm)		
							G	D	B
EMP-0020-HV-UL-A	20W	IP20	120-347Vac	≥0.9	170V	120mA	190	52	29
EMP-0060-HV-UL-A	60W	IP20	120-347Vac	≥0.9	170V	350mA	190	72.6	42.5



## E-4、High-Voltage Emergency Integrated Series

### Features

- Wide input range 100~380V AC( Class I)
- Output Voltage, 170Vdc
- Isolated Safe Charging
- Built-in LiFePO<sub>4</sub> battery
- Over charge protection, over discharge protection, and short circuit protection.
- Indicator shows a variety working modes
- Intelligent emergency automatic detection function, selftest function
- Emergency time 90 minutes
- Metal case with IP20
- Certified: UL924, FCC,ENEC
- Life time >50,000 hrs. and 5 years warranty



### Applications

Commercial Lighting    Home Lighting

Model	Power	IP Rating	Input Voltage	PF	Output Voltage	Output Current	Size (mm)		
							G	D	B
EMJ-0020-HV-UL-A	20W	IP20	120-347Vac	≥0.9	170V	120mA	370	52	29
EMJ-0060-HV-UL-A	60W	IP20	120-347Vac	≥0.9	170V	350mA	370	72.6	42.5

