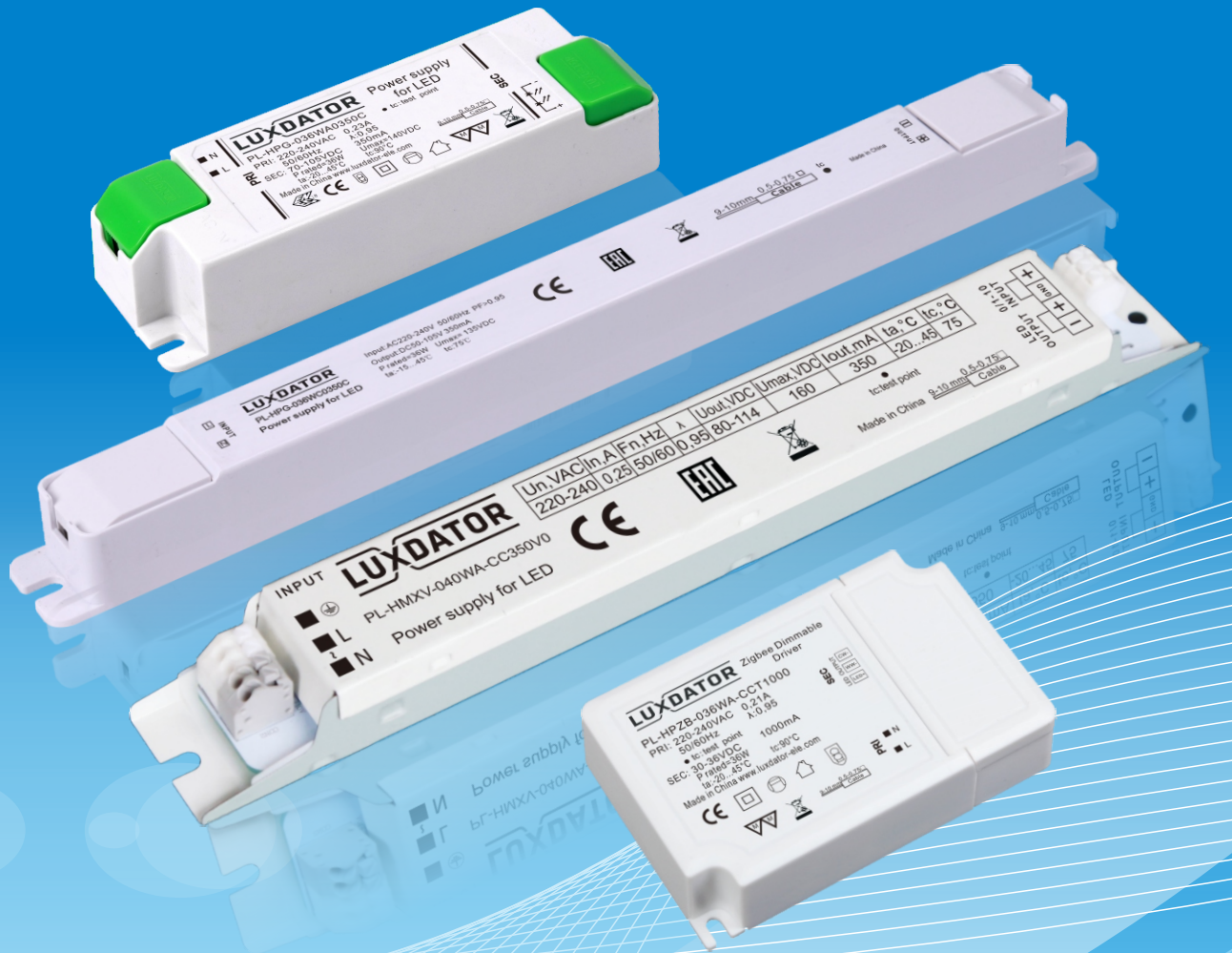


# LUXDATOR

HIGH PERFORMANCE LED DRIVER SOLUTION

## 普乐电器



宁波市普乐电器有限公司  
NINGBO LUXDATOR ELECTRICAL CO.,LTD

2020



**致精 致简**

**Stability and Simplicity**

**LUXDATOR<sup>®</sup>**



## COMPANY PROFILE

About us

### 公司简介

宁波市普乐电器有限公司是一家高科技公司，从事各种照明产品的灯具控制设备业务，拥有自己的研发，制造和营销团队。

我们的产品拥有CE, RoHS, TUV, VDE, CB, ENEC, EAC, CCC认证, 产品远销50多个国家和地区。

宗旨：致精，致简。用技术打造品牌，以诚信赢得世界。

We are a high-tech company, which is engaged in business of lighting control devices for all kind of energy-efficient lighting products with our own R&D, manufacturing and marketing.

Our products are certificated by CE, RoHS, TUV, VDE, CB, ENEC, EAC, CCC and exported to 50 countries and regions.

Motto: Stability and Simplicity. Build the brand with technology, Win the world with integrity.

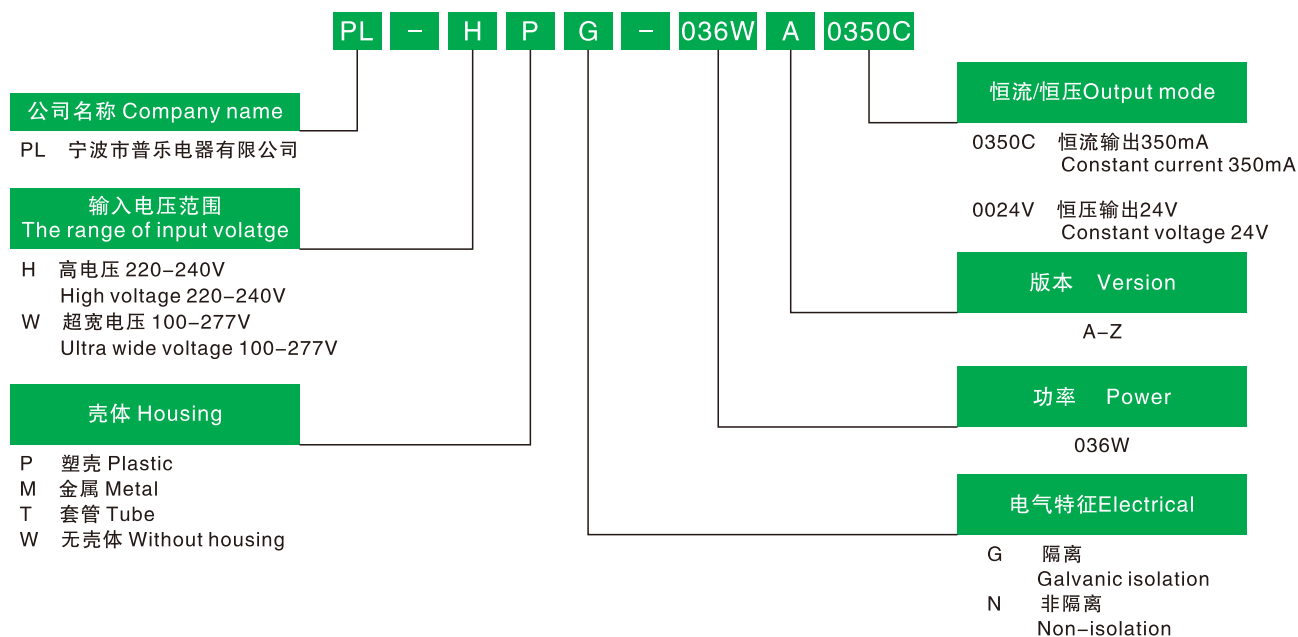






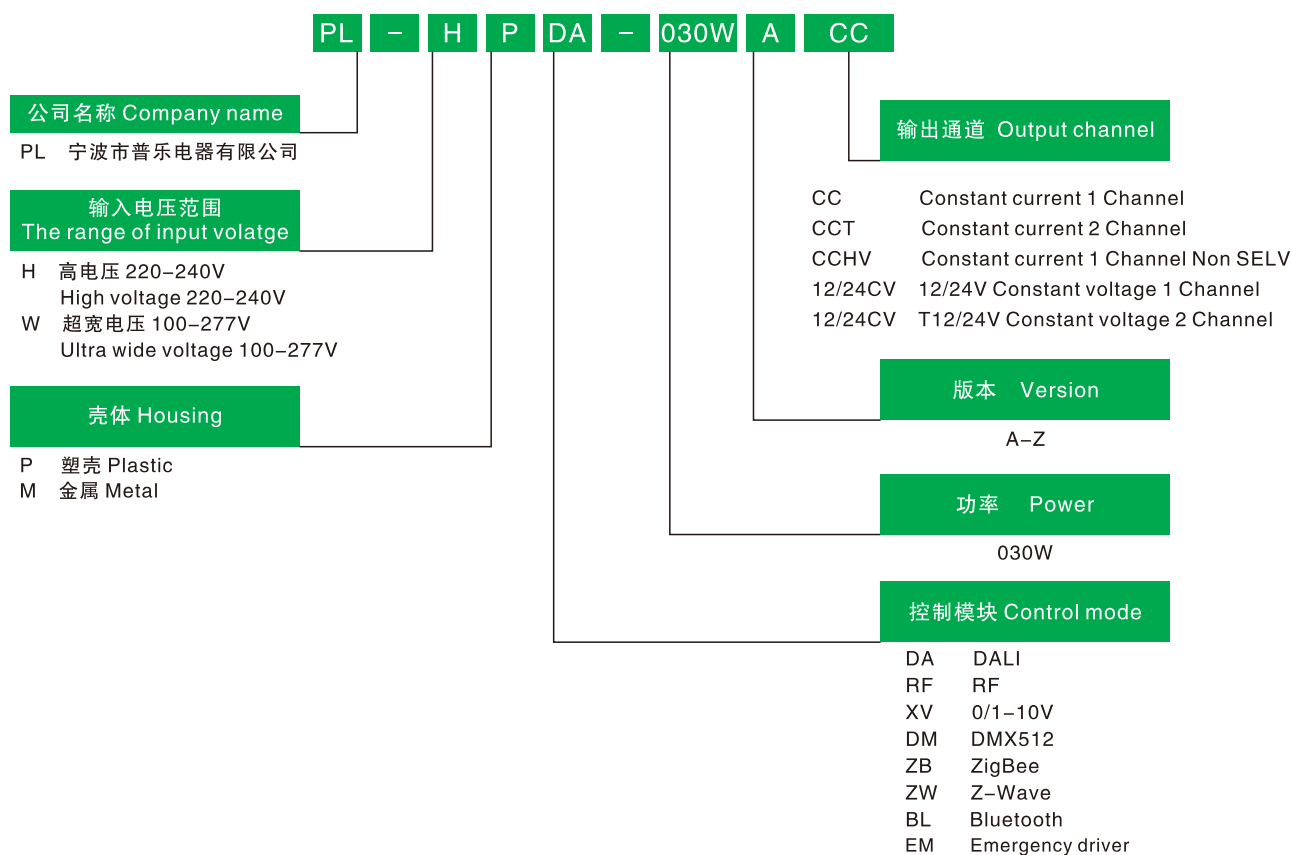
# 普乐电器LED驱动命名规则

## LUXDATOR name rules



# 智能驱动



## PWM Dimming Intelligent Driver




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	<b>HPG系列/series</b> ----- <b>05</b> 220-240V 塑壳 隔离 无频闪 220-240V Plastic shell Isolation Flicker-free
	<b>HPG系列/series</b> ----- <b>07</b> 220-240V 塑壳 隔离 无频闪 220-240V Plastic shell Isolation Flicker-free
	<b>HPN系列/series</b> ----- <b>09</b> 220-240V 塑壳 非隔离 无频闪 220-240V Plastic shell Non-isolation Flicker-free
	<b>HMN系列/series</b> ----- <b>11</b> 220-240V 铁壳 非隔离 无频闪 220-240V Metal shell Non-isolation Flicker-free
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## Intelligent Driver

	<b>HMEM系列/series</b> ----- <b>21</b> 220-240V 铁壳 隔离 无频闪 应急驱动 220-240V Metal shell Isolation Flicker-free Emergency driver
	<b>HMXX系列/series</b> ----- <b>23</b> 220-240V 铁壳 隔离 无频闪 0-10V 220-240V Metal shell Isolation Flicker-free 0-10V
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	<b>HPXX-030WA-CC/CCT</b> ----- <b>27</b> 220-240V 塑壳 30W 恒流 220-240V Plastic shell 30W Constant current
	<b>HPXX-050WA-CC/CCT</b> ----- <b>29</b> 220-240V 塑壳 50W 恒流 220-240V Plastic shell 50W Constant current
	<b>WMXX-030WA-CC/CCT</b> ----- <b>31</b> 100-240V 铁壳 30W 恒流 100-240V Metal shell 30W Constant current
	<b>WMXX-050WA-CC/CCT</b> ----- <b>33</b> 100-240V 铁壳 50W 恒流 100-240V Metal shell 50W Constant current
	<b>WMXX-050WB-CC/CCT</b> ----- <b>35</b> 100-240V 铁壳 50W 恒流 100-240V Metal shell 50W Constant current

## Emergency Pack

	<b>EMP系列/series</b> ----- <b>37</b> 220-240V 塑壳 外置 应急电源 220-240V Plastic shell External Emergency pack
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## HPG系列/series

220-240V

塑壳 隔离 无频闪

Plastic shell Isolation

Flicker-free

**LUXDATOR**<sup>®</sup>  
HIGH PERFORMANCE LED DRIVER SOLUTION



### 产品特征

- 输入电压范围 AC220-240V
- 隔离方案
- 塑壳
- 恒流驱动
- 独立式紧凑型设计
- 接线端子，方便多规格线接驳
- 按压式锁线设计
- 无频闪 < 5%
- 输出开路，短路，过载和超温保护

### Product Features

- Input voltage range AC220-240V
- Isolation design
- Plastic shell
- Constant current design
- Independent compact design
- Terminal block for quick connection
- Easy press cable lock
- Flicker-free < 5%
- Protection: open circuit, short circuit, over load, over temperature





## HPG系列/series

220-240V

塑壳 隔离 无频闪

Plastic shell Isolation

Flicker-free

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### 产品特征

- 输入电压范围 AC220-240V
- 隔离方案
- 塑壳
- 恒流驱动
- 独立式紧凑型设计
- 接线端子，方便多规格线接驳
- 按压式锁线设计
- 无频闪 < 5%
- 输出开路，短路，过载和超温保护
- 耐压1.5KV HPG-C系列
- 耐压3.0KV HPG-D系列

### Product Features

- Input voltage range AC220-240V
- Isolation design
- Plastic shell
- Constant current design
- Independent compact design
- Terminal block for quick connection
- Easy press cable lock
- Flicker-free < 5%
- Protection: open circuit, short circuit, over load, over temperature
- Isolation voltage 1.5KV ( HPG-C series )
- Isolation voltage 3.0KV ( HPG-D series )





## HPG系列/series

220-240V

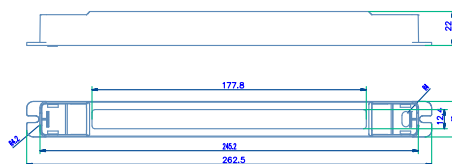
塑壳 隔离 无频闪

Plastic shell Isolation

Flicker-free

## 产品平面图

product size



## 产品参数Product Parameters

### HPG-C series

产品型号 Model Number	输入电压 Input Voltage (V)	输出功率 Output Power (W)	输出电流 Output Current (mA)	输出电压 Output Voltage (V)	效率 Efficiency (%)	PF	产品尺寸 L*W*H Productsize (mm)
PL-HPG-025WC0350C	220-240	25	350	49-70	88.0%	> 0,95	263x24x22
PL-HPG-030WC0350C	220-240	30	350	60-85	88.0%	> 0,95	263x24x22
PL-HPG-036WC0350C	220-240	36	350	70-105	88.0%	> 0,95	263x24x22
PL-HPG-040WC0350C	220-240	40	350	80-115	88.0%	> 0,95	263x24x22

### HPG-D series

产品型号 Model Number	输入电压 Input Voltage (V)	输出功率 Output Power (W)	输出电流 Output Current (mA)	输出电压 Output Voltage (V)	效率 Efficiency (%)	PF	产品尺寸 L*W*H Productsize (mm)
PL-HPG-030WD0700C	220-240	30	700	34-43	88.0%	> 0,95	263x24x22
PL-HPG-036WD0900C	220-240	36	900	32-40	88.0%	> 0,95	263x24x22
PL-HPG-040WD1000C	220-240	40	1000	32-40	88.0%	> 0,95	263x24x22

All parameters are measured with supply input voltage 230VAC and nominal load under the 25°C of ambient temperature.

所有参数均采用230VAC电源输入电压和环境温度25°C下的额定负载进行测量。

## HPN系列/series

220-240V

塑壳 非隔离 无频闪

Plastic Shell

Non-isolation

Flicker-free

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### 产品特征

- 输入电压范围 AC220-240V
- 非隔离方案
- 塑壳
- 恒流驱动
- 超细长紧凑设计
- 接线端子，方便多规格线接驳
- 高功率因数 PF > 0.95
- 无频闪 < 5%
- 输出开路，短路，过载和超温保护

### Product Features

- Input voltage range AC220-240V
- Non-isolation design
- Plastic shell
- Constant current design
- Super slim design
- Terminal block for quick connection
- High power factor PF > 0.95
- Flicker-free < 5%
- Protection: open circuit, short circuit, over load, over temperature



## HPN系列/series

220-240V

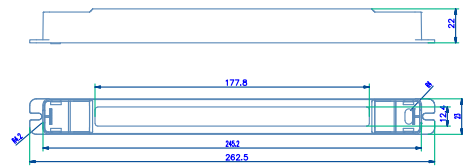
塑壳 非隔离 无频闪

Plastic Shell

Non-isolation Flicker-free

## 产品平面图

product size



## 产品参数 Product Parameters

### HPN-A series

产品型号 Model Number	输入电压 Input Voltage (V)	输出功率 Output Power (W)	输出电流 Output Current (mA)	输出电压 Output Voltage (V)	效率 Efficiency (%)	PF	产品尺寸 L*W*H Product size (mm)
PL-HPN-025WA0350C	220-240	25	350	50-71	90.0%	> 0,95	263x24x22
PL-HPN-030WA0350C	220-240	30	350	60-86	90.0%	> 0,95	263x24x22
PL-HPN-036WA0350C	220-240	36	350	75-105	90.0%	> 0,95	263x24x22
PL-HPN-040WA0350C	220-240	40	350	80-114	90.0%	> 0,95	263x24x22
PL-HPN-050WA0350C	220-240	50	350	100-143	90.0%	> 0,95	263x24x22
PL-HPN-060WA0350C	220-240	60	350	120-171	90.0%	> 0,95	263x24x22
PL-HPN-075WA0350C	220-240	75	350	150-214	90.0%	> 0,95	263x24x22

All parameters are measured with supply input voltage 230VAC and nominal load under the 25°C of ambient temperature.  
所有参数均采用230VAC电源输入电压和环境温度25°C下的额定负载进行测量。

## HMN系列/series

220-240V

铁壳 非隔离 无频闪

Metal shell Non-isolation  
Flicker-free

**LUXDATOR**<sup>®</sup>  
HIGH PERFORMANCE LED DRIVER SOLUTION

### 产品特征

- 输入电压范围 AC220-240V
- 非隔离方案
- 铁壳
- 恒流驱动
- 超细长紧凑设计
- 接线端子，方便多规格线接驳
- 高功率因数 PF > 0.95
- 无频闪 < 5%
- 输出开路，短路，过载和超温保护

### Product Features

- Input voltage range AC220-240V
- Non-isolation design
- Metal shell
- Constant current design
- Super slim design
- Terminal block for quick connection
- High power factor PF > 0.95
- Flicker-free < 5%
- Protection: open circuit, short circuit, over load, over temperature







## HMN系列/series

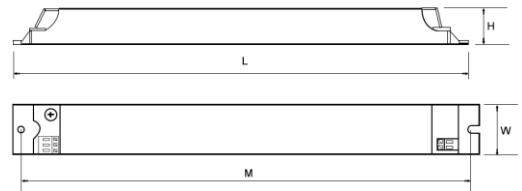
220-240V

铁壳 非隔离 无频闪

Metal shell Non-isolation

Flicker-free

## 产品平面图 product size



## 产品参数Product Parameters

### HMN-A series

产品型号 Model Number	输入电压 Input Voltage (V)	输出功率 Output Power (W)	输出电流 Output Current (mA)	输出电压 Output Voltage (V)	效率 Efficiency (%)	PF	产品尺寸 L*W*H Product size (mm)
PL-HMN-020WA0350C	220-240	20	350	40-57	90.0%	> 0,95	240x30x22
PL-HMN-030WA0350C	220-240	30	350	60-86	90.0%	> 0,95	240x30x22
PL-HMN-036WA0350C	220-240	36	350	72-103	90.0%	> 0,95	240x30x22
PL-HMN-040WA0350C	220-240	40	350	80-114	90.0%	> 0,95	240x30x22
PL-HMN-050WA0350C	220-240	50	350	100-143	90.0%	> 0,95	240x30x22
PL-HMN-060WA0350C	220-240	60	350	120-171	90.0%	> 0,95	240x30x22
PL-HMN-075WA0350C	220-240	75	350	150-214	90.0%	> 0,95	240x30x22
PL-HMN-075WA0700C	220-240	75	700	75-107	90.0%	> 0,95	280x30x22
PL-HMN-080WA0350C	220-240	80	350	160-229	90.0%	> 0,95	280x30x22
PL-HMN-080WA0500C	220-240	80	500	112-160	90.0%	> 0,95	280x30x22
PL-HMN-080WA0700C	220-240	80	700	80-114	90.0%	> 0,95	280x30x22

### HMN-B series

产品型号 Model Number	输入电压 Input Voltage (V)	输出功率 Output Power (W)	输出电流 Output Current (mA)	输出电压 Output Voltage (V)	效率 Efficiency (%)	PF	产品尺寸 L*W*H Product size (mm)
PL-HMN-020WB0350C	220-240	20	350	40-57	90.0%	> 0,95	210x26x22
PL-HMN-030WB0350C	220-240	30	350	60-80	90.0%	> 0,95	210x26x22
PL-HMN-036WB0350C	220-240	36	350	70-105	90.0%	> 0,95	210x26x22
PL-HMN-040WB0350C	220-240	40	350	80-115	90.0%	> 0,95	210x26x22

All parameters are measured with supply input voltage 230VAC and nominal load under the 25°C of ambient temperature.  
所有参数均采用230VAC电源输入电压和环境温度25°C下的额定负载进行测量。

## HMG系列/series

220-240V

铁壳 隔离 无频闪

Metal shell Isolation

Flicker-free

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HIGH PERFORMANCE LED DRIVER SOLUTION



### 产品特征

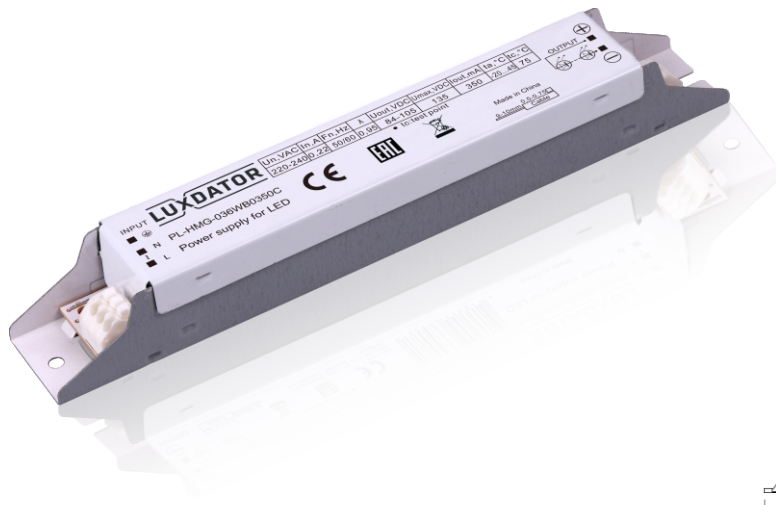
- 输入电压范围 AC220-240V
- 隔离方案
- 铁壳
- 恒流驱动
- 独立式紧凑型设计
- 接线端子，方便多规格线接驳
- 高功率因数 PF > 0.95
- 无频闪 < 5%
- 输出开路，短路，过载和超温保护

### Product Features

- Input voltage range AC220-240V
- Isolation design
- Metal shell
- Constant current design
- Super slim design
- Terminal block for quick connection
- High power factor PF > 0.95
- Flicker-free < 5%
- Protection: open circuit, short circuit, over load, over temperature







## HMG系列/series

220-240V

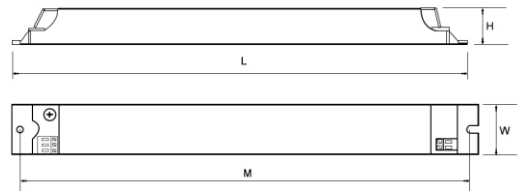
铁壳 隔离 无频闪

Metal shell Isolation

Flicker-free

## 产品平面图

product size



## 产品参数Product Parameters

### HMG-A series

产品型号 Model Number	输入电压 Input Voltage (V)	输出功率 Output Power (W)	输出电流 Output Current (mA)	输出电压 Output Voltage (V)	效率 Efficiency (%)	PF	产品尺寸 L*W*H Productsize (mm)
PL-HMG-025WA0350C	220-240	25	350	49-70	88.0%	> 0,95	240x30x22
PL-HMG-030WA0350C	220-240	30	350	60-86	88.0%	> 0,95	240x30x22
PL-HMG-040WA0350C	220-240	40	350	80-115	88.0%	> 0,95	240x30x22
PL-HMG-058WA0350C	220-240	58	350	115-166	88.0%	> 0,95	240x30x22

### HMG-B series

产品型号 Model Number	输入电压 Input Voltage (V)	输出功率 Output Power (W)	输出电流 Output Current (mA)	输出电压 Output Voltage (V)	效率 Efficiency (%)	PF	产品尺寸 L*W*H Productsize (mm)
PL-HMG-025WB0350C	220-240	25	350	49-70	88.0%	> 0,95	202x30x27
PL-HMG-030WB0350C	220-240	30	350	60-86	88.0%	> 0,95	202x30x27
PL-HMG-036WB0350C	220-240	36	350	70-105	88.0%	> 0,95	202x30x27
PL-HMG-040WB0350C	220-240	40	350	80-115	88.0%	> 0,95	202x30x27
PL-HMG-036WB0900C	220-240	36	900	28-40	88.0%	> 0,95	202x30x27

All parameters are measured with supply input voltage 230VAC and nominal load under the 25°C of ambient temperature.

所有参数均采用230VAC电源输入电压和环境温度25°C下的额定负载进行测量。

## HTN系列/series

220-240V

套管 非隔离 无频闪

Tube Non-isolation

Flicker-free

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### 产品特征

- 输入电压范围 AC220-240V
- 非隔离方案
- 套管
- 恒流驱动
- 超细长紧凑设计
- 接线端子，方便多规格线接驳
- 高功率因数 PF > 0.95
- 无频闪 < 5%
- 输出开路，短路，过载和超温保护

### Product Features

- Input voltage range AC220-240V
- Non-isolation design
- Tube
- Constant current design
- Super slim design
- Terminal block for quick connection
- High power factor PF > 0.95
- Flicker-free < 5%
- Protection: open circuit, short circuit, over load, over temperature





## HTN系列/series

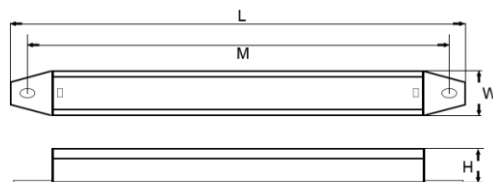
220-240V

套管 非隔离 无频闪

Tube Non-isolation

Flicker-free

## 产品平面图 product size



## 产品参数Product Parameters

### HTN-A series

产品型号 Model Number	输入电压 Input Voltage (V)	输出功率 Output Power (W)	输出电流 Output Current (mA)	输出电压 Output Voltage (V)	效率 Efficiency (%)	PF	产品尺寸 L*W*H Product size (mm)
PL-HTN-032WA0350C	220-240	32	350	50-96	90.0%	> 0,95	324x20x15.7
PL-HTN-036WA0350C	220-240	36	350	50-105	90.0%	> 0,95	324x20x15.7
PL-HTN-040WA0350C	220-240	40	350	80-115	90.0%	> 0,95	324x20x15.7
PL-HTN-050WA0350C	220-240	50	350	100-140	90.0%	> 0,95	324x20x15.7

### HTN-B series

产品型号 Model Number	输入电压 Input Voltage (V)	输出功率 Output Power (W)	输出电流 Output Current (mA)	输出电压 Output Voltage (V)	效率 Efficiency (%)	PF	产品尺寸 L*W*H Product size (mm)
PL-HTN-020WB0350C	220-240	20	350	46-57	90.0%	> 0,95	220x16.5x19.5
PL-HTN-030WB0350C	220-240	30	350	69-86	90.0%	> 0,95	220x16.5x19.5
PL-HTN-036WB0350C	220-240	36	350	60-105	90.0%	> 0,95	220x16.5x19.5
PL-HTN-040WB0350C	220-240	40	350	91-114	90.0%	> 0,95	220x16.5x19.5

All parameters are measured with supply input voltage 230VAC and nominal load under the 25°C of ambient temperature.  
所有参数均采用230VAC电源输入电压和环境温度25°C下的额定负载进行测量。

## HTG系列/series

220-240V  
套管 隔离 无频闪  
Tube Isolation  
Flicker-free

**LUXDATOR**<sup>®</sup>  
HIGH PERFORMANCE LED DRIVER SOLUTION



### 产品特征

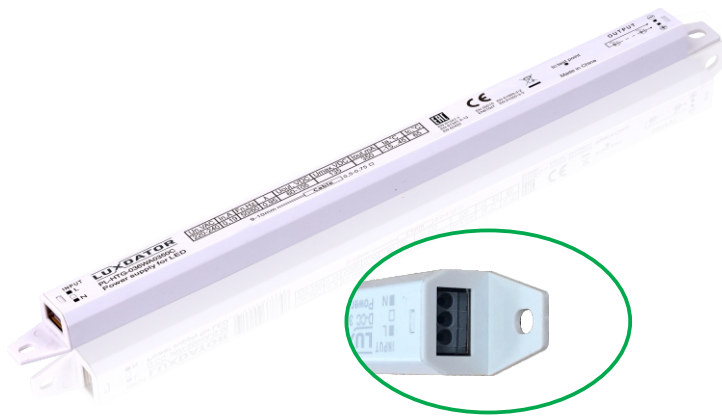
- 输入电压范围 AC220-240V
- 隔离方案
- 套管
- 恒流驱动
- 超细长紧凑设计
- 接线端子，方便多规格线接驳
- 高功率因数 PF > 0.95
- 无频闪 < 5%
- 输出开路，短路，过载和超温保护

### Product Features

- Input voltage range AC220-240V
- Isolation design
- Tube
- Constant current design
- Super slim design
- Terminal block for quick connection
- High power factor PF > 0.95
- Flicker-free < 5%
- Protection: open circuit, short circuit, over load, over temperature







## HTG系列/series

220-240V

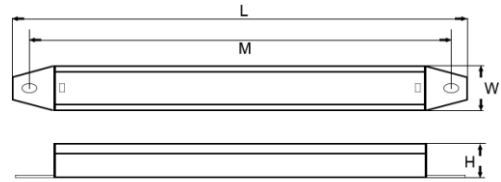
套管 隔离 无频闪

Tube Isolation

Flicker-free

## 产品平面图

product size



## 产品参数 Product Parameters

### HTG-A series

产品型号 Model Number	输入电压 Input Voltage (V)	输出功率 Output Power (W)	输出电流 Output Current (mA)	输出电压 Output Voltage (V)	效率 Efficiency (%)	PF	产品尺寸 L*W*H Product size (mm)
PL-HTG-020WA0350C	220-240	20	350	35-57	87.0%	> 0,85	260x20x15.7
PL-HTG-032WA0350C	220-240	32	350	60-92	88.0%	> 0,95	324x20x15.7
PL-HTG-036WA0350C	220-240	36	350	70-105	88.0%	> 0,95	324x20x15.7
PL-HTG-040WA0350C	220-240	40	350	80-115	88.0%	> 0,95	324x20x15.7

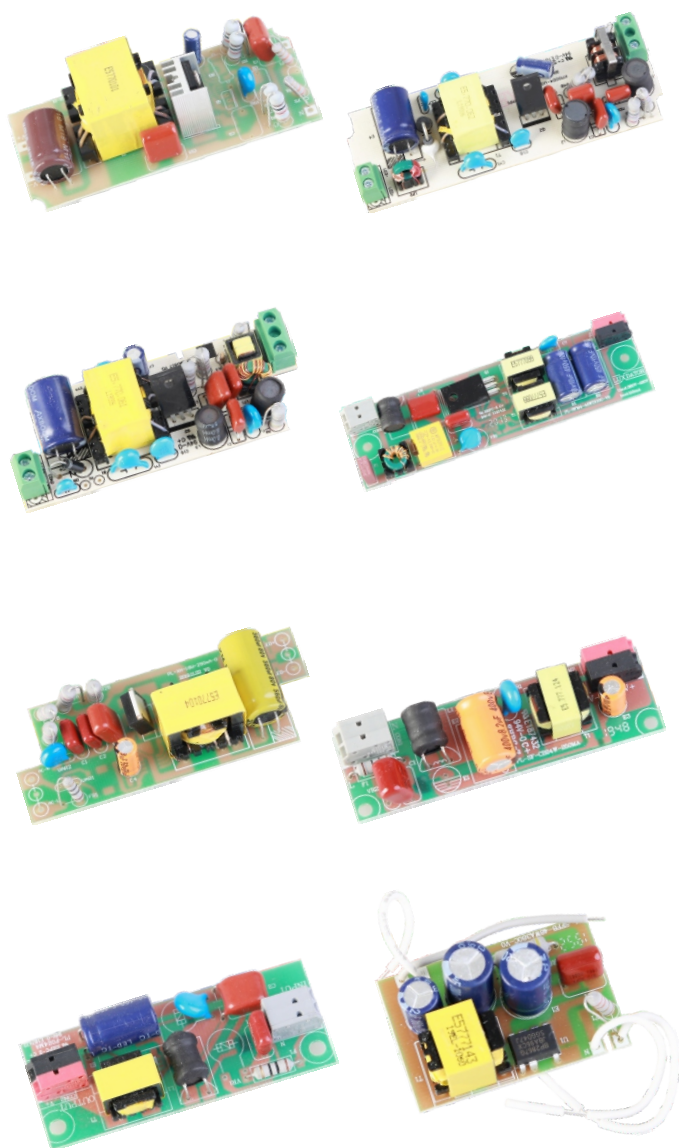
All parameters are measured with supply input voltage 230VAC and nominal load under the 25°C of ambient temperature.  
所有参数均采用230VAC电源输入电压和环境温度25°C下的额定负载进行测量。

OEM系列/series

根据客户需求  
定制开发

LUXDATOR<sup>®</sup>

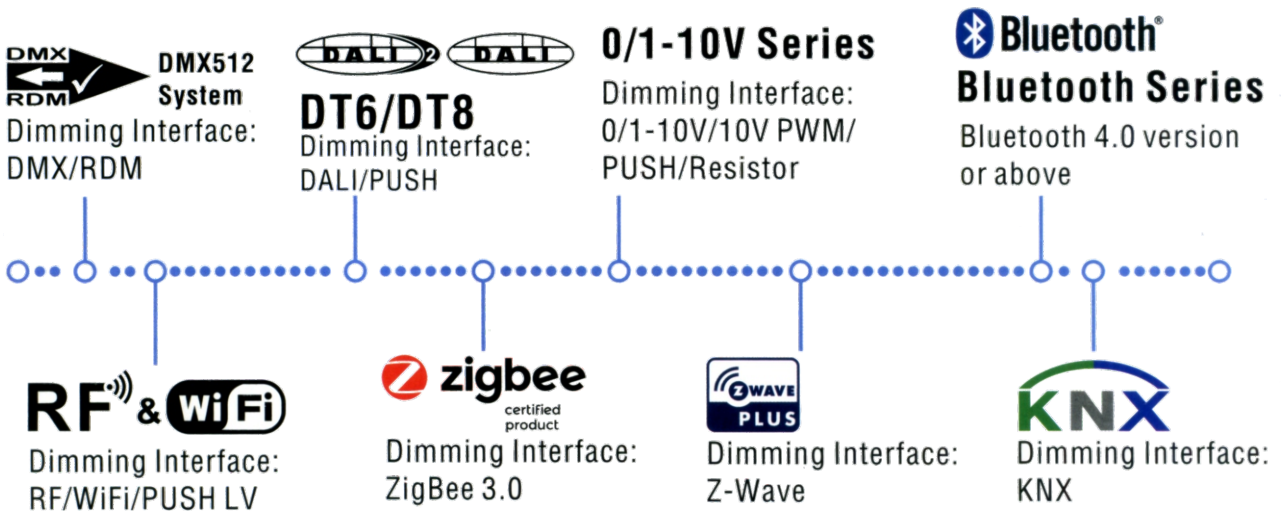
HIGH PERFORMANCE LED DRIVER SOLUTION







## Different control ways:



## HMEM系列/series

220-240V

铁壳 隔离 无频闪 应急驱动

Metal shell Isolation

Flicker-free

Emergency driver

**LUXDATOR**<sup>®</sup>  
HIGH PERFORMANCE LED DRIVER SOLUTION



### 产品特征

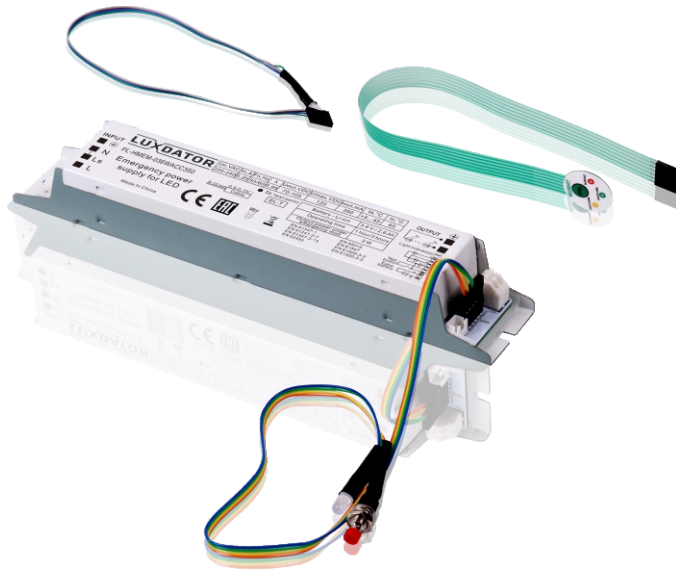
- 输入电压范围 AC220-240V
- 隔离方案
- 铁壳
- 恒流驱动
- 独立式紧凑型设计
- 接线端子，方便多规格线接驳
- 高功率因数 PF > 0.95
- 无频闪 < 1%
- 输出开路，短路，过载和超温保护

### Product Features

- Input voltage range AC220-240V
- Isolation design
- Metal shell
- Constant current design
- Super slim design
- Terminal block for quick connection
- High power factor PF > 0.95
- Flicker-free < 1%
- Protection: open circuit, short circuit, over load, over temperature







## HMEM系列/series

220-240V

铁壳 隔离 无频闪 应急驱动

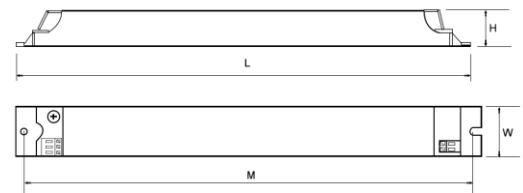
Metal shell Isolation

Flicker-free

Emergency driver

## 产品平面图

product size



## 产品参数Product Parameters

### HMEM-WA Emergency driver series

产品型号 Model Number	输入电压 Input Voltage (V)	输出功率 Output Power (W)	输出电流 Output Current (mA)	输出电压 Output Voltage (V)	效率 Efficiency (%)	PF	频闪 Flicker (%)	Ta°C	Tc°C	产品尺寸 L*W*H Productsize (mm)
PL-HMEM-032WACC350	220-240	32	350	50-92	88.0%	> 0,95	<1%	-15...+45	65	230x40x28
PL-HMEM-036WACC350	220-240	36	350	70-105	88.0%	> 0,95	<1%	-15...+45	65	230x40x28
PL-HMEM-040WACC350	220-240	40	350	80-115	88.0%	> 0,95	<1%	-15...+45	65	230x40x28

应急内置电池 Emergency Mode (Built-in battery)	输出功率 Output Power (W)	应急时间 Operating time (hour)	应急电流 Output Current (mA)	应急电压 Output Voltage (V)	锂电池 ※ Battery Li-ion
PL-HMEM-032WACC350	3	1 or 3	20-40	85-95	3.6V/2.6Ah/5.2Ah
PL-HMEM-036WACC350	3	1 or 3	20-40	85-95	3.6V/2.6Ah/5.2Ah
PL-HMEM-040WACC350	3	1 or 3	20-40	85-95	3.6V/2.6Ah/5.2Ah

### HMEM-WB Emergency driver series

产品型号 Model Number	输入电压 Input Voltage (V)	输出功率 Output Power (W)	输出电流 Output Current (mA)	输出电压 Output Voltage (V)	效率 Efficiency (%)	PF	频闪 Flicker (%)	Ta°C	Tc°C	产品尺寸 L*W*H Productsize (mm)
PL-HMEM-032WBCC350	220-240	32	350	50-92	88.0%	> 0,95	<1%	-15...+45	65	230x40x28
PL-HMEM-036WBCC350	220-240	36	350	70-105	88.0%	> 0,95	<1%	-15...+45	65	230x40x28
PL-HMEM-040WBCC350	220-240	40	350	80-115	88.0%	> 0,95	<1%	-15...+45	65	230x40x28

应急外置电池 Emergency Mode	输出功率 Output Power (W)	应急时间 Operating time (hour)	应急电流 Output Current (mA)	应急电压 Output Voltage (V)	铁锂电池 ※ Battery LiFePO4
PL-HMEM-032WBCC350	3	1	20-40	85-95	3.2V/3000Ah
PL-HMEM-036WBCC350	3	1	20-40	85-95	3.2V/3000Ah
PL-HMEM-040WBCC350	3	1	20-40	85-95	3.2V/3000Ah

All parameters are measured with supply input voltage 230VAC and nominal load under the 25°C of ambient temperature.  
所有参数均采用230VAC电源输入电压和环境温度25°C下的额定负载进行测量。

## HMXV系列/series

220-240V

铁壳 隔离 无频闪 0-10V

Metal shell Isolation

Flicker-free 0-10V

**LUXDATOR**<sup>®</sup>  
HIGH PERFORMANCE LED DRIVER SOLUTION



### 产品特征

- 输入电压范围 AC220-240V
- 隔离方案
- 铁壳
- 恒流驱动
- 独立式紧凑型设计
- 接线端子，方便多规格线接驳
- 高功率因数 PF > 0.95
- 无频闪 < 5%
- 输出开路，短路，过载和超温保护

### Product Features

- Input voltage range AC220-240V
- Isolation design
- Metal shell
- Constant current design
- Super slim design
- Terminal block for quick connection
- High power factor PF > 0.95
- Flicker-free < 5%
- Protection: open circuit, short circuit, over load, over temperature





## HMXV系列/series

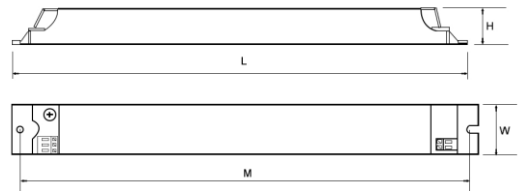
220-240V

铁壳 隔离 无频闪 0-10V

Metal shell Isolation

Flicker-free 0-10V

## 产品平面图 product size



## 产品参数 Product Parameters

### HMXV-A 0-10V series

产品型号 Model Number	输入电压 Input Voltage (V)	输出功率 Output Power (W)	输出电流 Output Current (mA)	输出电压 Output Voltage (V)	效率 Efficiency (%)	PF	产品尺寸 L*W*H Product size (mm)
PL-HMXV-030WA-CC350	220-240	30	350	60-86	88.0%	> 0.95	240x30x22
PL-HMXV-036WA-CC350	220-240	36	350	72-103	88.0%	> 0.95	240x30x22
PL-HMXV-040WA-CC350	220-240	40	350	80-114	88.0%	> 0.95	240x30x22
PL-HMXV-045WA-CC350	220-240	45	350	90-128	88.0%	> 0.95	240x30x22
PL-HMXV-054WA-CC350	220-240	54	350	123-154	88.0%	> 0.95	240x30x22

All parameters are measured with supply input voltage 230VAC and nominal load under the 25°C of ambient temperature.  
所有参数均采用230VAC电源输入电压和环境温度25°C下的额定负载进行测量。

## HPZB-A CC/CCT系列/series

220-240V

塑壳 隔离 无频闪

Metal shell Isolation

Flicker-free

**LUXDATOR**<sup>®</sup>  
HIGH PERFORMANCE LED DRIVER SOLUTION



### 产品特征

- 输入电压范围 AC220-240V
- 隔离方案
- 塑壳
- 恒流驱动
- 独立式紧凑型设计
- 接线端子，方便多规格线接驳
- 高功率因数 PF > 0.95
- 无频闪 < 5%
- 输出开路，短路，过载和超温保护

### Product Features

- Input voltage range AC220-240V
- Isolation design
- Plastic shell
- Constant current design
- Super slim design
- Terminal block for quick connection
- High power factor PF > 0.95
- Flicker-free < 5%
- Protection: open circuit, short circuit, over load, over temperature







## HPZB-A CC/CCT系列/series

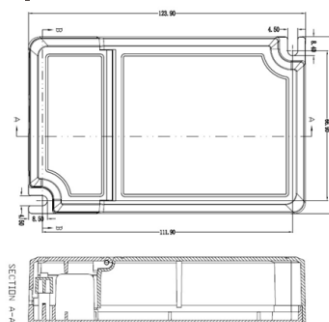
220-240V

塑壳 隔离 无频闪

Metal shell Isolation

Flicker-free

### 产品平面图 product size



### 产品参数Product Parameters

#### HPZB-A-CC series

产品型号 Model Number	输入电压 Input Voltage (V)	输出功率 Output Power (W)	输出电流 Output Current (mA)	输出电压 Output Voltage (V)	效率 Efficiency (%)	PF	产品尺寸 L*W*H Product size (mm)
PL-HPZB-016WA-CC400	220-240	16	400	32-40	86.0%	> 0,95	123x70x30
PL-HPZB-020WA-CC500	220-240	20	500	32-40	86.0%	> 0,95	123x70x30
PL-HPZB-030WA-CC750	220-240	30	750	32-40	86.0%	> 0,95	123x70x30
PL-HPZB-036WA-CC900	220-240	36	900	32-40	86.0%	> 0,95	123x70x30
PL-HPZB-040WA-CC1000	220-240	40	1000	32-40	86.0%	> 0,95	123x70x30

#### HPZB-A-CCT series

产品型号 Model Number	输入电压 Input Voltage (V)	输出功率 Output Power (W)	输出电流 Output Current (mA)	输出电压 Output Voltage (V)	效率 Efficiency (%)	PF	产品尺寸 L*W*H Product size (mm)
PL-HPZB-016WA-CCT400	220-240	16	400	32-40	86.0%	> 0,95	123x70x30
PL-HPZB-020WA-CCT500	220-240	20	500	32-40	86.0%	> 0,95	123x70x30
PL-HPZB-030WA-CCT750	220-240	30	750	32-40	86.0%	> 0,95	123x70x30
PL-HPZB-036WA-CCT900	220-240	36	900	32-40	86.0%	> 0,95	123x70x30
PL-HPZB-040WA-CCT1000	220-240	40	1000	32-40	86.0%	> 0,95	123x70x30

All parameters are measured with supply input voltage 230VAC and nominal load under the 25°C of ambient temperature. 使用方壳  
所有参数均采用230VAC电源输入电压和环境温度25°C下的额定负载进行测量。

# HPXX-030WA-CC/CCT

220-240V  
塑壳 30W 恒流  
Plastic shell 30W  
Constant current

**LUXDATOR**<sup>®</sup>  
HIGH PERFORMANCE LED DRIVER SOLUTION



## 产品特征

- 输入电压范围 AC220-240V
- 1通道, 2通道可供选择
- 不同的智能模块可供选择
- 接线端子, 方便多规格线接驳
- 通过DIP开关选择多电流
- 适用于一般易燃表面
- SELV
- 输出开路, 短路, 过载和超温保护

## Product Features

- Input voltage range AC220-240V
- 1/2 channels constant current output
- Different intelligent control mode: DALI, RF, 0/1-10V, ZigBee, Z-Wave, Bluetooth
- Terminal block for quick connection
- Multi-current selectable by DIP switch
- Suitable for use on normally flammable surfaces
- SELV compliant
- Protection: open circuit, short circuit, over load, over temperature





## HPXX-030WA-CC/CCT

220-240V

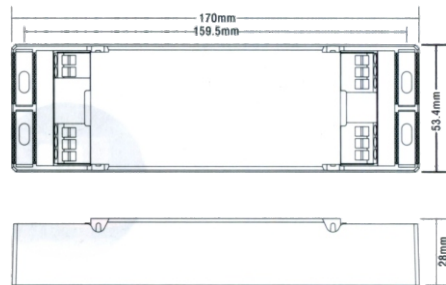
塑壳 30W 恒流

Plastic shell 30W

Constant current

### 产品平面图 product size

IP 20 BUILT-IN SCREW FIXING



#### Rate Voltage

200-240VAC

#### Frequency

50...60 Hz

#### Power

0...50W

Item No.	Dimming input	Output channel	Output Power, (W)	Output Voltage (V)	Output Current (mA)	Output Voltage (V) max.	Ta °C	Tc °C	PF	Efficiency
PL-HPDA-030WA-CC	DALI&AC PUSH	1 CH	12	8...48	250	48	-20...+45	85	> 0.9	> 87%
PL-HPRF-030WA-CC	RF&PUSH LV		14	8...48	300					
PL-HPXV-030WA-CC	0/1-10V		16	8...48	350					
PL-HPZB-030WA-CC	ZigBee		19	8...48	400					
PL-HPZW-030WA-CC	Z-Wave		21	8...48	450					
PL-HPDA-030WA-CC	Bluetooth		24	8...48	500					
PL-HPDA-030WA-CC	Bluetooth		26	8...48	550					
PL-HPDA-030WA-CCT	DALI&AC PUSH	2 CH	28	8...48	600					
PL-HPDA-030WA-CCT	DALI Di8		30	8...46	650					
PL-HPDA8-030WA-CCT	DALI Di8		30	8...42	700					
PL-HPRF-030WA-CCT	RF&PUSH LV		30	8...40	750					
PL-HPXV-030WA-CCT	0/1-10V		30	8...37	800					
PL-HPZB-030WA-CCT	ZigBee		30	8...35	850					
PL-HPZW-030WA-CCT	Z-Wave		30	8...33	900					
PL-HPDA-030WA-CCT	Bluetooth		30	8...31	950					
PL-HPDA-030WA-CCT	Bluetooth		30	8...30	1000					

# HPXX-050WA-CC/CCT

220-240V  
塑壳 50W 恒流  
Plastic shell 50W  
Constant current

**LUXDATOR**<sup>®</sup>  
HIGH PERFORMANCE LED DRIVER SOLUTION

## 产品特征

- 输入电压范围 AC220-240V
- 1通道, 2通道可供选择
- 不同的智能模块可供选择
- 接线端子, 方便多规格线接驳
- 通过DIP开关选择多电流
- 适用于一般易燃表面
- SELV
- 输出开路, 短路, 过载和超温保护

## Product Features

- Input voltage range AC220-240V
- 1/2 channels constant current output
- Different intelligent control mode: DALI, RF, 0/1-10V, ZigBee, Z-Wave, Bluetooth
- Terminal block for quick connection
- Multi-current selectable by DIP switch
- Suitable for use on normally flammable surfaces
- SELV compliant
- Protection: open circuit, short circuit, over load, over temperature



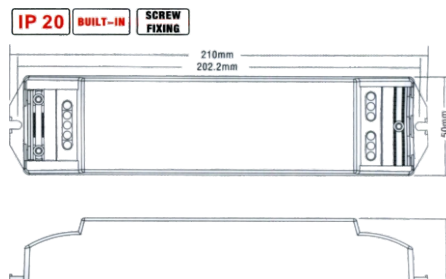




## HPXX-050WA-CC/CCT

220-240V  
 塑壳 50W 恒流  
 Plastic shell 50W  
 Constant current

### 产品平面图 product size



**Rate Voltage**      **Frequency**      **Power**  
 200-240VAC      50...60 Hz      0...50W

Item No.	Dimming input	Output channel	Output Power, (W)	Output Voltage (V)	Output Current (mA)	Output Voltage (V) max.	Ta °C	Tc °C	PF	Efficiency
PL-HPDA-050WA-CC	DALI&AC PUSH	1 CH	12	8...48	250	48	-20...+45	85	> 0.95	> 88%
PL-HPRF-050WA-CC	RF&PUSH LV		14	8...48	300					
PL-HPXV-050WA-CC	0/1-10V		16	8...48	350					
PL-HPDM-050WA-CC	DMX512		19	8...48	400					
PL-HPZB-050WA-CC	ZigBee		21	8...48	450					
PL-HPZW-050WA-CC	Z-Wave		24	8...48	500					
PL-HPDA-050WA-CC	Bluetooth		28	8...48	600					
PL-HPDA-050WA-CC	Bluetooth		33	8...48	700					
PL-HPDA-050WA-CC	Bluetooth		38	8...48	800					
PL-HPDA-050WA-CC	Bluetooth		43	8...48	900					
PL-HPDA-050WA-CCT	DALI&AC PUSH	48	8...48	1000						
PL-HPDA8-050WA-CCT	DALI Di8	50	8...46	1100						
PL-HPDA8-050WA-CCT	DALI Di8	50	8...41	1200						
PL-HPRF-050WA-CCT	RF&PUSH LV	50	8...38	1300						
PL-HPXV-050WA-CCT	0/1-10V	50	8...35	1400						
PL-HPDM-050WA-CCT	DMX512	50	8...33	1500						
PL-HPZB-050WA-CCT	ZigBee	2 CH								
PL-HPZW-050WA-CCT	Z-Wave									
PL-HPDA-050WA-CCT	Bluetooth									
PL-HPDA-050WA-CCT	Bluetooth									

# WMXX-050WA-CC/CCT

100-240V  
铁壳 50W 恒流  
Metal shell 50W  
Constant current

**LUXDATOR**<sup>®</sup>  
HIGH PERFORMANCE LED DRIVER SOLUTION



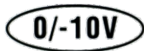
## 产品特征

- 输入电压范围 AC100-240V
- 1通道, 2通道可供选择
- 不同的智能模块可供选择
- 接线端子, 方便多规格线接驳
- 通过DIP开关选择多电流
- 适用于一般易燃表面
- SELV
- 输出开路, 短路, 过载和超温保护

## Product Features

- Input voltage range AC100-240V
- 1/2 channels constant current output
- Different intelligent control mode: DALI, RF, 0/1-10V, ZigBee, Z-Wave, Bluetooth
- Terminal block for quick connection
- Multi-current selectable by DIP switch
- Suitable for use on normally flammable surfaces
- SELV compliant
- Protection: open circuit, short circuit, over load, over temperature



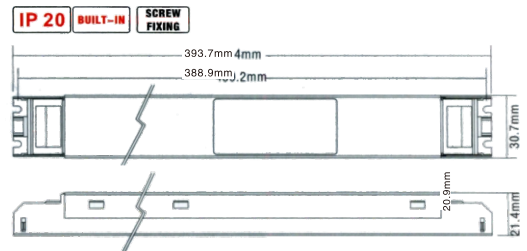


## WMXX-050WA-CC/CCT



100-240V  
 铁壳 50W 恒流  
 Metal shell 50W  
 Constant current

### 产品平面图 product size



**Rate Voltage**      **Frequency**      **Power**  
 100-240VAC      50...60 Hz      0...50W

Item No.	Dimming input	Output channel	Output Power, (W)	Output Voltage (V)	Output Current (mA)	Output Voltage (V) max.	Ta °C	Tc °C	PF	Efficiency
PL-WMDA-050WA-CC	DALI&AC PUSH	1 CH	12	8...48	250	48	-20...+45	90	> 0.95	> 86%
PL-WMRF-050WA-CC	RF&PUSH LV		14	8...48	300					
PL-WMXV-050WA-CC	0/1-10V		16	8...48	350					
PL-WMDM-050WA-CC	DMX512		19	8...48	400					
			21	8...48	450					
PL-WMZB-050WA-CC	ZigBee		24	8...48	500					
			28	8...48	600					
PL-WMZW-050WA-CC	Z-Wave		33	8...48	700					
			38	8...48	800					
PL-WMDA-050WA-CC	Bluetooth	43	8...48	900						
		48	8...48	1000						
PL-WMDA-050WA-CCT	DALI&AC PUSH	50	8...46	1100						
PL-WMDA8-050WA-CCT	DALI D18	50	8...41	1200						
		50	8...38	1300						
PL-WMRF-050WA-CCT	RF&PUSH LV	50	8...35	1400						
		50	8...33	1500						
PL-WMXV-050WA-CCT	0/1-10V	2 CH								
PL-WMDM-050WA-CCT	DMX512									
PL-WMDR-050WA-CCT	DMX512&RDM									
PL-WMZB-050WA-CCT	ZigBee									
PL-WMZW-050WA-CCT	Z-Wave									
PL-WMDA-050WA-CCT	Bluetooth									

# WMXX-050WA-CC/CCT

100-240V  
铁壳 50W 恒流  
Metal shell 50W  
Constant current

**LUXDATOR**<sup>®</sup>  
HIGH PERFORMANCE LED DRIVER SOLUTION

## 产品特征

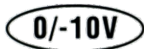
- 输入电压范围 AC100-240V
- 1通道, 2通道可供选择
- 不同的智能模块可供选择
- 接线端子, 方便多规格线接驳
- 通过DIP开关选择多电流
- 适用于一般易燃表面
- SELV
- 输出开路, 短路, 过载和超温保护

## Product Features

- Input voltage range AC100-240V
- 1/2 channels constant current output
- Different intelligent control mode: DALI, RF, 0/1-10V, ZigBee, Z-Wave, Bluetooth
- Terminal block for quick connection
- Multi-current selectable by DIP switch
- Suitable for use on normally flammable surfaces
- SELV compliant
- Protection: open circuit, short circuit, over load, over temperature







## WMXX-050WA-CC/CCT

100-240V

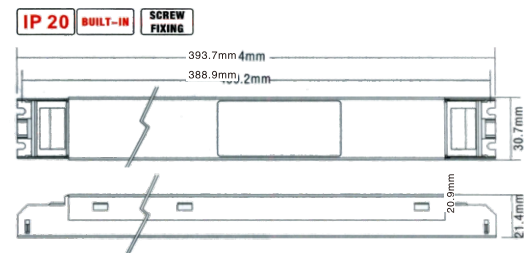
铁壳 50W 恒流

Metal shell 50W

Constant current

### 产品平面图

product size



### Rate Voltage

100-240VAC

### Frequency

50...60 Hz

### Power

0...50W

Item No.	Dimming input	Output channel	Output Power, (W)	Output Voltage (V)	Output Current (mA)	Output Voltage (V) max.	Ta °C	Tc °C	PF	Efficiency
PL-WMDA-050WA-CC	DALI&AC PUSH	1 CH	12	8...48	250	48	-20...+45	90	> 0.95	> 86%
PL-WMRF-050WA-CC	RF&PUSH LV		14	8...48	300					
PL-WMXV-050WA-CC	0/1-10V		16	8...48	350					
PL-WMDM-050WA-CC	DMX512		19	8...48	400					
			21	8...48	450					
PL-WMZB-050WA-CC	ZigBee		24	8...48	500					
			28	8...48	600					
PL-WMZW-050WA-CC	Z-Wave		33	8...48	700					
			38	8...48	800					
PL-WMDA-050WA-CC	Bluetooth	43	8...48	900						
		48	8...48	1000						
PL-WMDA-050WA-CCT	DALI&AC PUSH	50	8...46	1100						
PL-WMDA8-050WA-CCT	DALI Dt8	50	8...41	1200						
		50	8...38	1300						
PL-WMRF-050WA-CCT	RF&PUSH LV	50	8...35	1400						
		50	8...33	1500						
PL-WMXV-050WA-CCT	0/1-10V	2 CH								
PL-WMDM-050WA-CCT	DMX512									
PL-WMDR-050WA-CCT	DMX512&RDM									
PL-WMZB-050WA-CCT	ZigBee									
PL-WMZW-050WA-CCT	Z-Wave									
PL-WMDA-050WA-CCT	Bluetooth									

# WMXX-050WB-CC/CCT

100-240V  
铁壳 50W 恒流  
Metal shell 50W  
Constant current

**LUXDATOR**<sup>®</sup>  
HIGH PERFORMANCE LED DRIVER SOLUTION

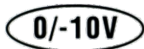
## 产品特征

- 输入电压范围 AC100-240V
- 1通道, 2通道可供选择
- 不同的智能模块可供选择
- 接线端子, 方便多规格线接驳
- 通过DIP开关选择多电流
- 适用于一般易燃表面
- SELV
- 输出开路, 短路, 过载和超温保护

## Product Features

- Input voltage range AC100-240V
- 1/2 channels constant current output
- Different intelligent control mode: DALI, RF, 0/1-10V, ZigBee, Z-Wave, Bluetooth
- Terminal block for quick connection
- Multi-current selectable by DIP switch
- Suitable for use on normally flammable surfaces
- SELV compliant
- Protection: open circuit, short circuit, over load, over temperature





### WMXX-050WB-CC/CCT

100-240V

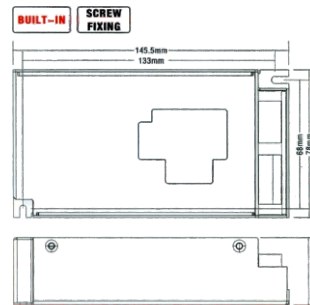
铁壳 50W 恒流

Metal shell 50W

Constant current

### 产品平面图

product size



**Rate Voltage**  
100-240VAC

**Frequency**  
50...60 Hz

**AC Operation Range**  
180...264V

**Power**  
0...50W

Item No.	Dimming input	Output channel	Output Power, (W)	Output Voltage (V)	Output Current (mA)	Output Voltage (V) max.	Ta °C	Tc °C	PF	Efficiency
PL-WMDA-050WB-CC	DALI&AC PUSH	1 CH	12	8...48	250	48	-20...+45	90	> 0.95	> 86%
PL-WMRF-050WB-CC	RF&PUSH LV		14	8...48	300					
PL-WMXV-050WB-CC	0/1-10V		16	8...48	350					
PL-WMDM-050WB-CC	DMX512		19	8...48	400					
			21	8...48	450					
PL-WMZB-050WB-CC	ZigBee		24	8...48	500					
			28	8...48	600					
PL-WMZW-050WB-CC	Z-Wave		33	8...48	700					
			38	8...48	800					
PL-WMDA-050WB-CC	Bluetooth		43	8...48	900					
		48	8...48	1000						
PL-WMDA-050WB-CCT	DALI&AC PUSH	50	8...46	1100						
PL-WMDA8-050WB-CCT	DALI Di8	50	8...41	1200						
		50	8...38	1300						
PL-WMRF-050WB-CCT	RF&PUSH LV	50	8...35	1400						
		50	8...33	1500						
PL-WMXV-050WB-CCT	0/1-10V	2 CH								
PL-WMDM-050WB-CCT	DMX512									
PL-WMDR-050WB-CCT	DMX512&RDM									
PL-WMZB-050WB-CCT	ZigBee									
PL-WMZW-050WB-CCT	Z-Wave									
PL-WMDA-050WB-CCT	Bluetooth									



# EMP-A 系列/series

220-240V  
塑壳 外置 应急电源  
Plastic shell External  
Emergency pack

## 产品特点

- 常规和非常规应急模式
- 1.5到3小时应急时间
- 恒功率输出
- 应急功率可调
- 深度放电保护
- 配合LiFePO4电池组使用

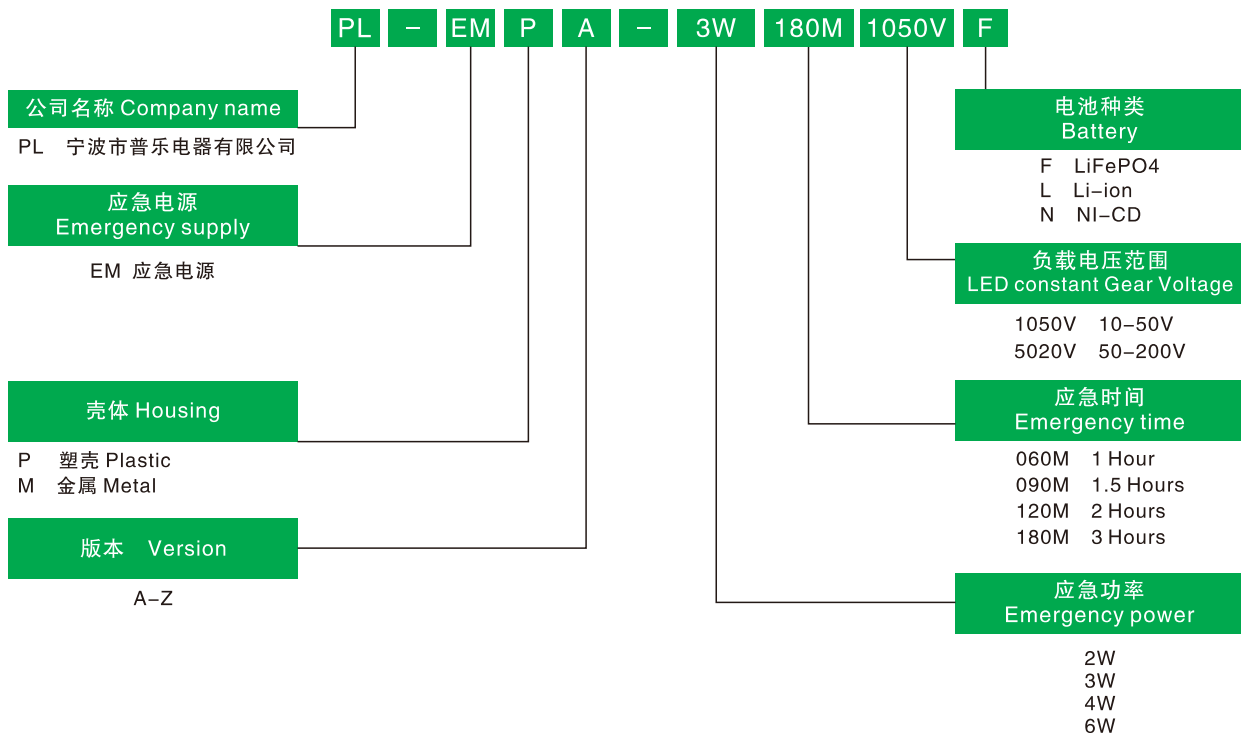
## Product Features

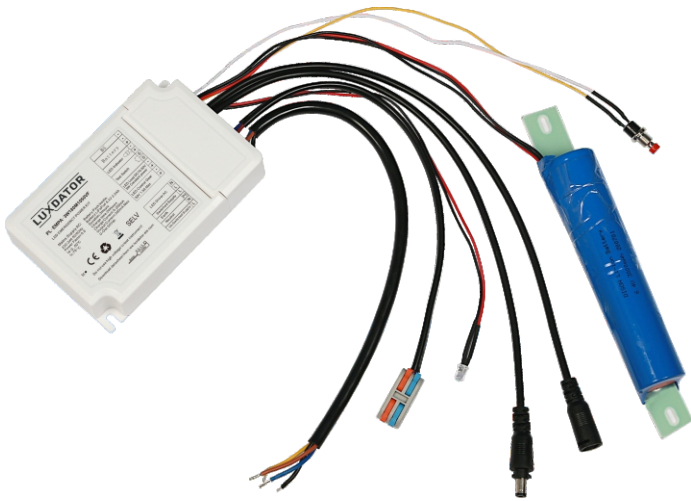
- Maintained and non-maintained emergency mode
- 1.5&3 hours Discharge time
- Constant power output
- Emergency power adjustable
- Deep discharge protection
- Used with LiFePO4 battery pack



## 普乐电器LED驱动命名规则

### LUXDATOR name rules





## EMP-A 系列/series

220-240V

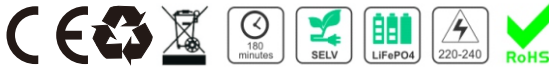
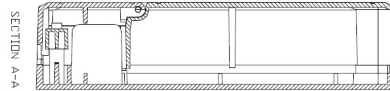
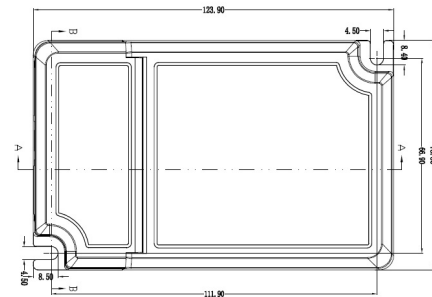
塑壳 外置 应急电源

Plastic shell External

Emergency pack

### 产品平面图

product size



### 产品参数 Product Parameters

应急外置电池 Emergency Mode (external battery)	输入电压 Input Voltage (V)	输出功率 Output Power (W)	输出电压 Output Voltage (V)	应急时间 Operating time (hour)	铁锂电池 Battery LiFePO4	产品尺寸 L*W*H Product size (mm)
PL-EMPA-6W060M1050VF	220-240	6	10-50	1.0	6.4V/1.5Ah	123x70x30
PL-EMPA-4W090M1050VF	220-240	4	10-50	1.5	6.4V/1.5Ah	123x70x30
PL-EMPA-3W120M1050VF	220-240	3	10-50	2.0	6.4V/1.5Ah	123x70x30
PL-EMPA-2W180M1050VF	220-240	2	10-50	3.0	6.4V/1.5Ah	123x70x30
PL-EMPA-3W180M1050VF	220-240	3	10-50	3.0	6.4V/2.2Ah	123x70x30

Note:

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DATOR

LUXDATOR

LUXDATOR

DATOR

LUXDAT





**宁波市普乐电器有限公司**  
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