c UL us LISTED E524059

BC

IP20 IP Rating

5 years Warranty

Li-ion

90 Mins

LED应急电源产品规格书

LED EMERGENCY DRIVER SPECIFICATION SHEET

产品型号：KVD-SM-XXW-YYY

PRODUCY MODEL:KVD-SM-XXW-YYY

深圳市康元达科技有限公司
Shenzhen KANG YUAN OF Technology Co., Ltd
www.szkvd.com

地址：深圳市宝安区福海街道和平景芳路152号来事达工业园E栋4楼
Address: 4/F block E, Roxtex Ind. park, 152 Jingfang Road, Baoan District, Shenzhen, Guangdong Province, China postal code 518103

LED应急电源
EMERGENCY LED DRIVER

产品描述/ PRODUCT DESCRIPTION

应急方案通过MCU恒功率输出控制, 输出电压范围覆盖15-55/90-260Vdc, 兼容并支持参数相同的灯板工作,
The emergency plan adopts MCU constant power output control,
with an output voltage range covering 15-55/90-260Vdc, which is compatible with
and supports the operation of lamp panels with the same parameters.

保护设计：电池组有设计过充电保护，过放电保护，输出过载保护，短路保护和过温保护
Protections: batteries are designed with overcharge protection, over-discharge protection, output overload protection, short-circuit protection and over-temperature protection

兼容所有LED恒流驱动的灯具
Compatible with all LED constant current drivers for indoor fixtures

自检
Self-inspection

规格/SPECIFICATION

输入电压范围 Input voltage	100-347 Vac 50/60Hz	输出电压 Output voltage	15-55/90-240VDC
额定输入电流 Rated Input Current	0.08A Max	IP 等级 IP Rating	IP 20
功率因数 Power Factor	≥0.5 @277Vac	应急转换时间 Conversion time	< 1 Second
输入功率 Input Power	≤6.0W	电池充电电流 Charging Current	350mA Max.
应急功率 Emergency power	8W	电池充电时间 Charging Time	> 24hours
应急时间 Emergency time	90 Mins	应急功能测试 Emergency Switching test	Manually Testing Automatic Testing
电池组 Battery pack	Li-Fep04 3000mAh-6.4V	环保认证 RoHS certificate	Yes
工作环境温度/湿度 Operating Temperature	0℃~+60℃	保质期 Warranty	5 Years(excluding battery)

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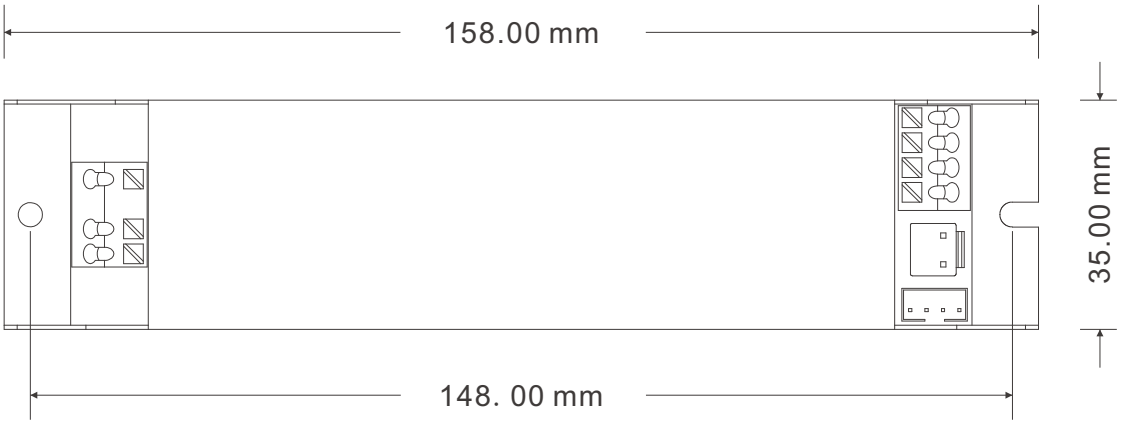
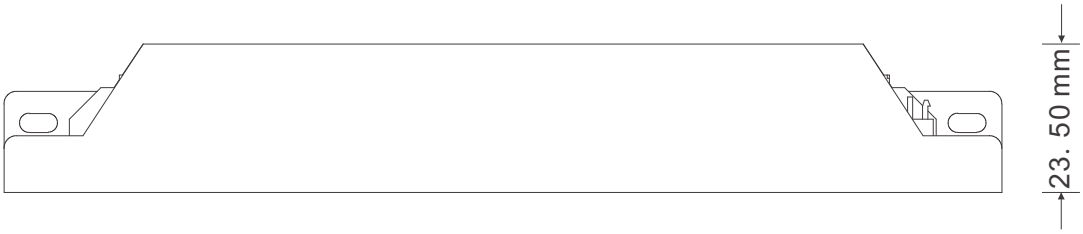
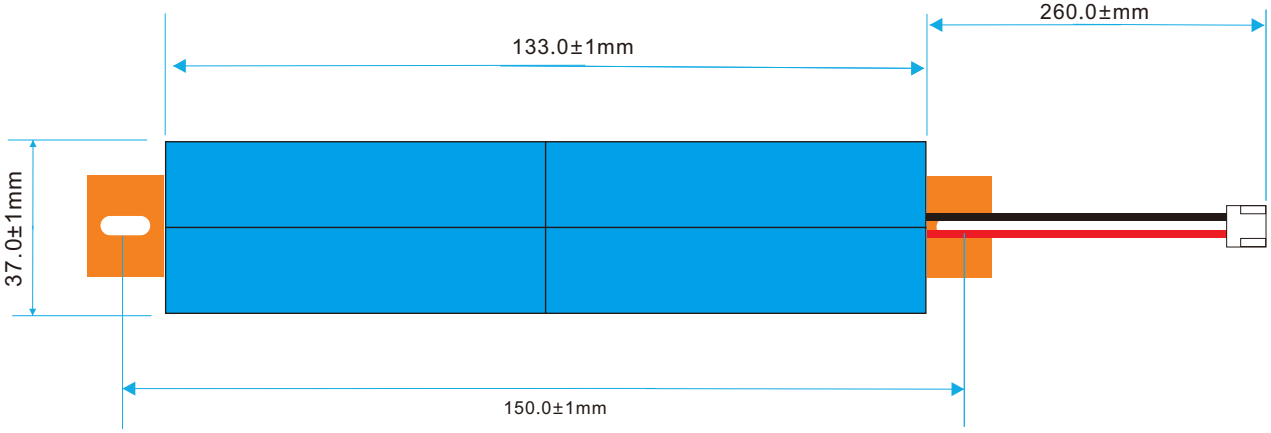
LED应急电源
EMERGENCY LED DRIVER

尺寸/DIMENSIONS







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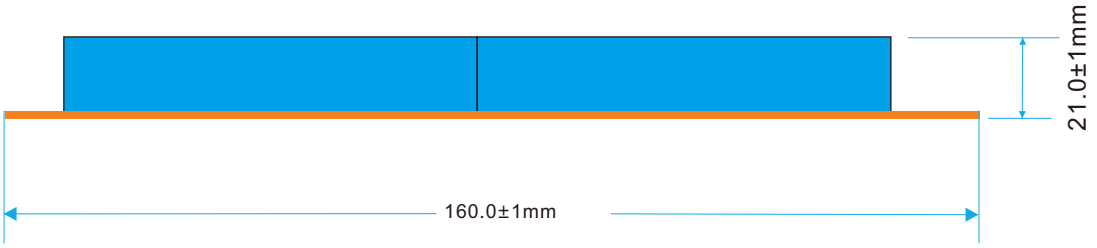

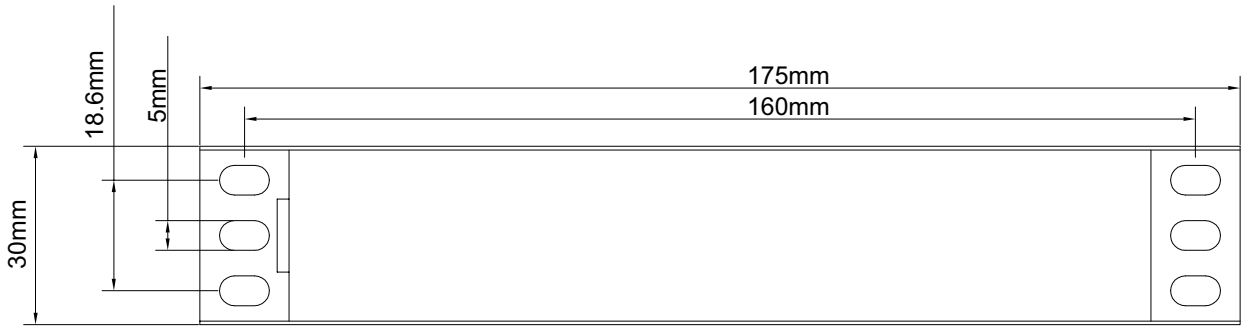

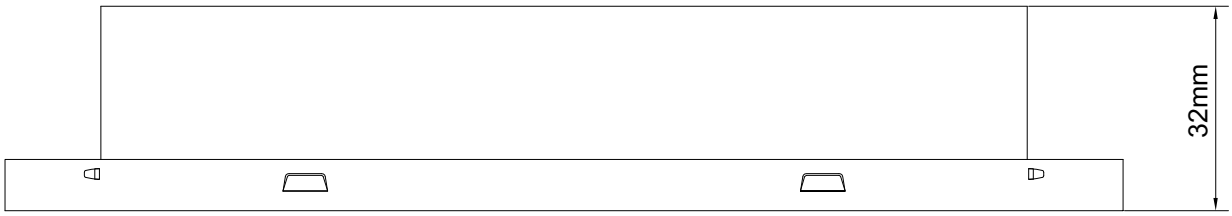

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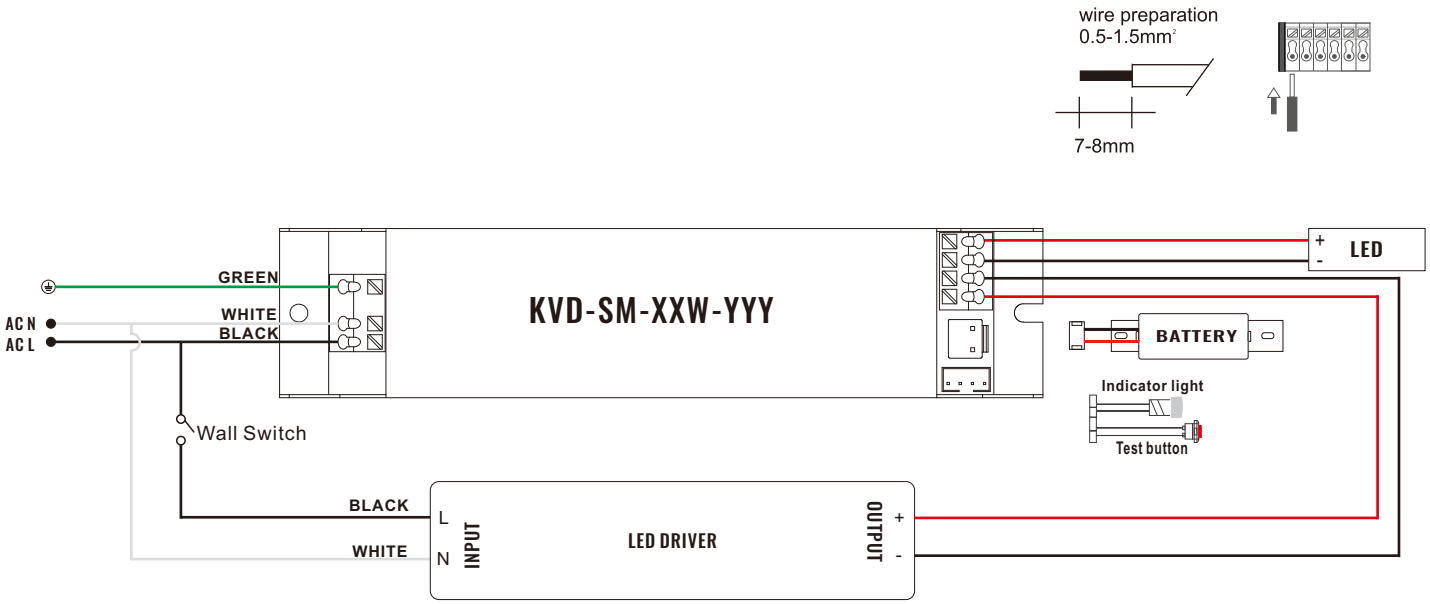
EMERGENCY LED DRIVER

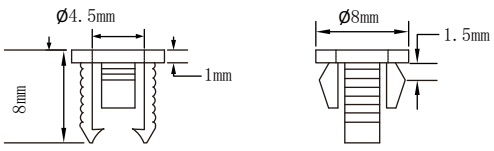
接线图/ WIRING DIAGRAM



附件/ACCESSORIES

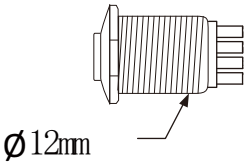
LED indicator
Mounting hole 6.5mm dia

Test switch
Mounting hole 7mm dia



Ip65 integrated indicator light button

Mounting hole 12mm dia



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应急电源工作模式
Emergency driver working mode

一、充电模式
Charging mode

1、市电接通，进入充电模式
Connect to the mains electricity, and the charging mode is activated

2、充电指示灯状态
Charging indicator status

1)充电或充满电-红灯常亮

1)Fully charged-red light stay on

二、放电应急模式
Discharging emergency mode

1、无市电，进入放电应急模式
No mains supply connected, the discharging emergency mode is activated.

2、放电应急指示灯状态
Discharging indicator status

1)放电应急—红灯慢闪

1)Discharging-red light flashing slowly

3、应急模式下长按测试按钮关闭系统
Press and hold the test button to shut down the system in emergency mode.

三、自检模式（在有市电的情况下进行）
Self-check mode (performed when the mains electricity is available)

1、自检
Self-check

1)上市电开始计算每 90 天为一个周期如中途掉市电重新计时；

1)Connect to the mains electricity to start timing, with each 90-day period as a cycle. If the mains supply is interrupted midway, the timing will restart.

2)进入自检应急自动开启，应急时间为电池放完电，放电完成自动关闭，进入充电模式；

2)When self-check on,the emergency duration lasts until the battery is fully discharged. Once discharged, it will automatically turn off and enter the charging mode.

3)自检指示灯状态—红灯慢闪

3)Self-check indicator status-red light flashing slowly

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四、按键用途
Button function

1、模拟测试
Simulated test

A、有市电的情况下，按键短按一下，进入模拟测试
指示灯状态红灯闪烁，短按一下关闭模拟测试，如不按 20 秒后恢复正常市电状态。

A. When mains electricity is on, short press the button will enter the simulation test.
Indicator status the red light flashing . A short press again turns off the simulation test; if no short press, the simulation test will automatically shut down after 20 seconds.

2、应急时关系统
应急状态下长按按键，整个系统关闭，需要市电激活才能正常运行

Shutting down the system in the emergency status
In an emergency state, a long press of the button will shut down the entire system. The system can only operate normally after being activated by mains electricity.

注意/CAUTION

由专业电工和技术人员连接市电，务必在断电的状态下连接电路，禁止带电操作，以免发生事故
Connecting to the main power must be done by professional electricians or technical personnel. Make sure to cut off the power first before connecting the circuit. Never operate with live electricity, otherwise accidents may occur easily.

电池在安装使用时，请远离发热源，请在特定工作范围内使用
Do not connect the battery to the circuit when it is not in use to prevent battery overdischarge due to self-consumption of the circuit board.

对于长期不使用电池，建议每6个月至少充放电一次
For batteries that are not used for a long time, it is recommended to charge and discharge them at least once every six months.

储存时的温度在0-35°C范围内,湿度<85%避免电池储存时间缩短。
The storage temperature should range from 0 to 35 ° C and the humidity should be less than 85% to avoid shortening the battery storage time.