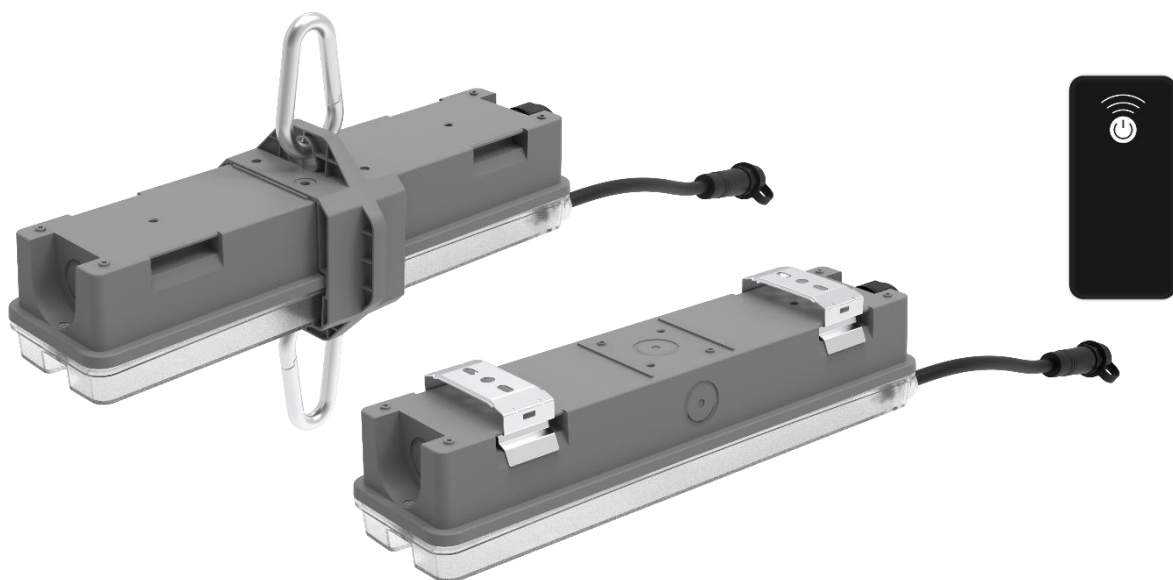


Ω B

External Suspended/Surface Mounted Plug-in Emergency Module for LED Highbay

With DALI interface and automatic test function

适用于 LED Highbay 的外置悬挂式/表面安装式带 DALI 接口和自检功能的应急电源



Product Information 产品描述

The emergency module with DALI interface and automatic test function is designed for use with the high bay luminaires with LED supply connector. It can be suspended with a luminaire or surface mounted to provide a back-up supply in the event of a power cut. The emergency module requires a permanent live un-switched supply to maintain the battery charge. In the event of a power cut, the battery will supply the integrated LEDs at a reduced output.

A DALI command from a suitable control unit can be used to initiate function and duration tests at individually selected times. Status flags are set for report back and data logging of results.

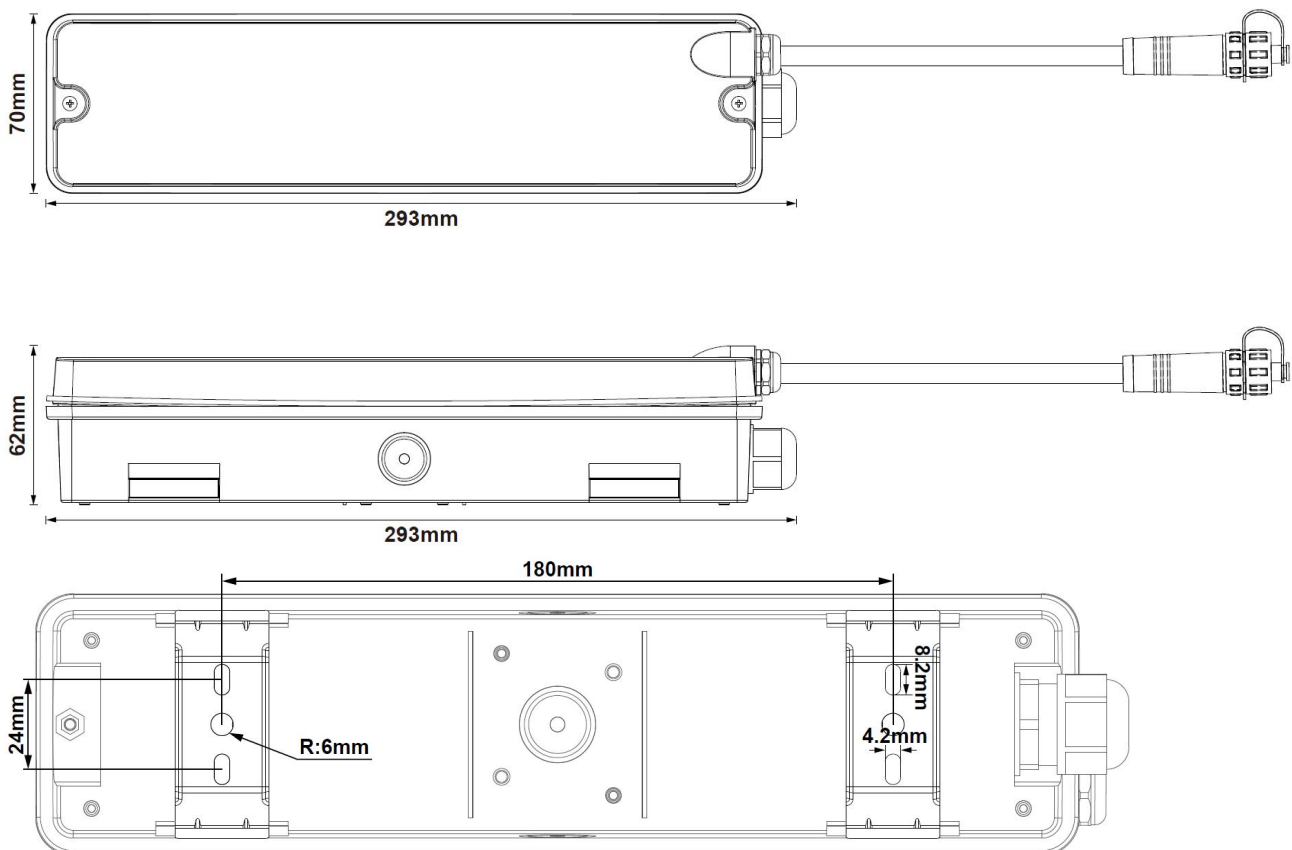
此具有 DALI 接口和自检功能的应急电源适用于带 LED 负载输入接口的 LED High bay 灯具。可悬挂于灯具上方或固定于灯具上，停电时给灯供电。应急电源需要持续通电以维持电池电量。在停电的情况下，电池以较低的功率给灯具中 LED 模组供电。

由控制装置发出的 DALI 指令可用于在选定的时间启动功能和持续时间测试。设置状态标志用于报告反馈和结果记录。

Features 产品特点

- For high bay luminaires with LED supply connector
- For LED modules with a forward voltage of 30-300Vdc
- For maintained or non-maintained emergency lighting systems
- Automatic Self-Test technology conforming to EN 62034
- DALI conforming to EN 62386-101, EN 62386-102, EN 62386-202
- Conforms to EN 61347-1 and EN 61347-2-7
- Wired between LED module and emergency module via waterproof connector
- Suitable for use in luminaires for high-risk task area lighting
- Voltage change-over threshold according to EN 60598-2-22
- 1.5 hours or 3 hours rated duration
- Replaceable internal LiFePO4 battery pack
- Over-charge, over-current, short-circuit and deep discharge protection for battery
- Bi-coloured status LED indicator
- Function test and duration test
- IP65
- Optional Suspended or Surface Mounted
- 适用于带LED负载输入接口的灯具
- 适用于电压为30-300Vdc的LED模组
- 用于持续式或非持续式应急照明灯具
- 自检功能符合标准EN 62034
- DALI符合标准EN 62386-101, EN 62386-102, EN 62386-202
- 符合EN61347-1和EN61347-2-7
- 通过防水连接器连接应急电源及LED模组
- 适用于高危险任务区照明的灯具
- 应急转换符合标准EN60598-2-22
- 1.5小时或3小时应急工作时间
- 内置的且方便更换的磷酸铁锂电池组
- 具有过充、过流、短路、电池深度放电保护功能
- 双色状态指示灯
- 功能检测持续时间检测
- IP65
- 吊装或表面安装两种安装方式

Dimensions 产品尺寸



Specifications 产品参数

Output Wattage 输出功率	5W
Input Voltage 输入电压	220-240Vac 50/60Hz
Input Current (max) 输入电流 (最大值)	40mA
Output Voltage 输出电压	30-300Vdc
Output Current 输出电流	20-160mA
Open Circuit Voltage 开路电压	310Vdc
Maximum Working Voltage 工作电压 (最大值)	310Vdc
Protection IP 及防护等级	IP65, Class I, Independent Driver IP65, Class I, 独立式电源
Input to Output Protection 输入到输出防护等级	Double Insulation 双重绝缘
Emergency Operation Time 应急工作时间	>3 h or >1.5 h
Emergency Onversion Time 应急转换时间	<1s
Test Function 检测方式	Automatic and Manual 自动/手动
Length x Width x Depth 长*宽*深	293 x70 x62mm
Input Connection 输入端连接方式	Push-fit terminals 0.5-1.5mm ² 按压快接端子 0.5-1.5mm ²
Output Connection 输出端连接方式	Wiring leads with connector 带端子电线
Maximum Case Temperature 外壳最高温度(°C)	65 °C
Ambient Temperature Range 工作环境温度(°C)	0°C to 50 °C

Notes: Compatibility with luminaires should be verified before committing to an installation. Not suitable for use on a battery supply with a trickle or intermittent re-charging circuit. The emergency module is not protected against supply voltage polarity reversal.

注意：安装前，请先与灯具进行匹配测试。不适用于带涓流或间歇充电电路的电池供电，应急电源无电池极性反接保护功能。

Battery Pack 电池组

Battery Code 电池型号	LFP7002-S40	LFP6502-S20
Battery Type 电池类型	LiFePO4 26700	LiFePO4 18650
Battery Capacity 电池容量	4000mAh	2000mAh
Battery Voltage 电池电压	6.4V	6.4V
Battery Charge Voltage 电池充电电压	7.2V	7.2V
Battery Charge Current 电池充电电流	330mA	250mA
Battery Discharge Voltage 电池放电电压	5.0-7.2V	5.8-7.4V
Battery Discharge Current 电池放电电流	825-875mA	400-500mA
Charging Time 充电时间	>24h	>24h
Battery Life 电池寿命	2 Years	2 Years

Order Codes 产品型号

Order Code 产品型号	Description 描述
OB05-30/DA	Ω B DALI, 5W output wattage, 3.0hours emergency operation time, LFP7002-S40 Ω B DALI 版, 5W 输出功率, 3 小时应急工作时间, LFP7002-S40
OB05-15/DA	Ω B DALI, 5W output wattage, 1.5hours emergency operation time, LFP6502-S20 Ω B DALI 版, 5W 输出功率, 1.5 小时应急工作时间, LFP6502-S20

Customizable Accessories 可定制配件

Type 类型	Description 描述
Output Cable to LED Module 输出线	2-pole wiring leads with connector for connecting to LED module 2 芯电线, 含与 LED 模组连接的端子

Wiring Diagram接线图

