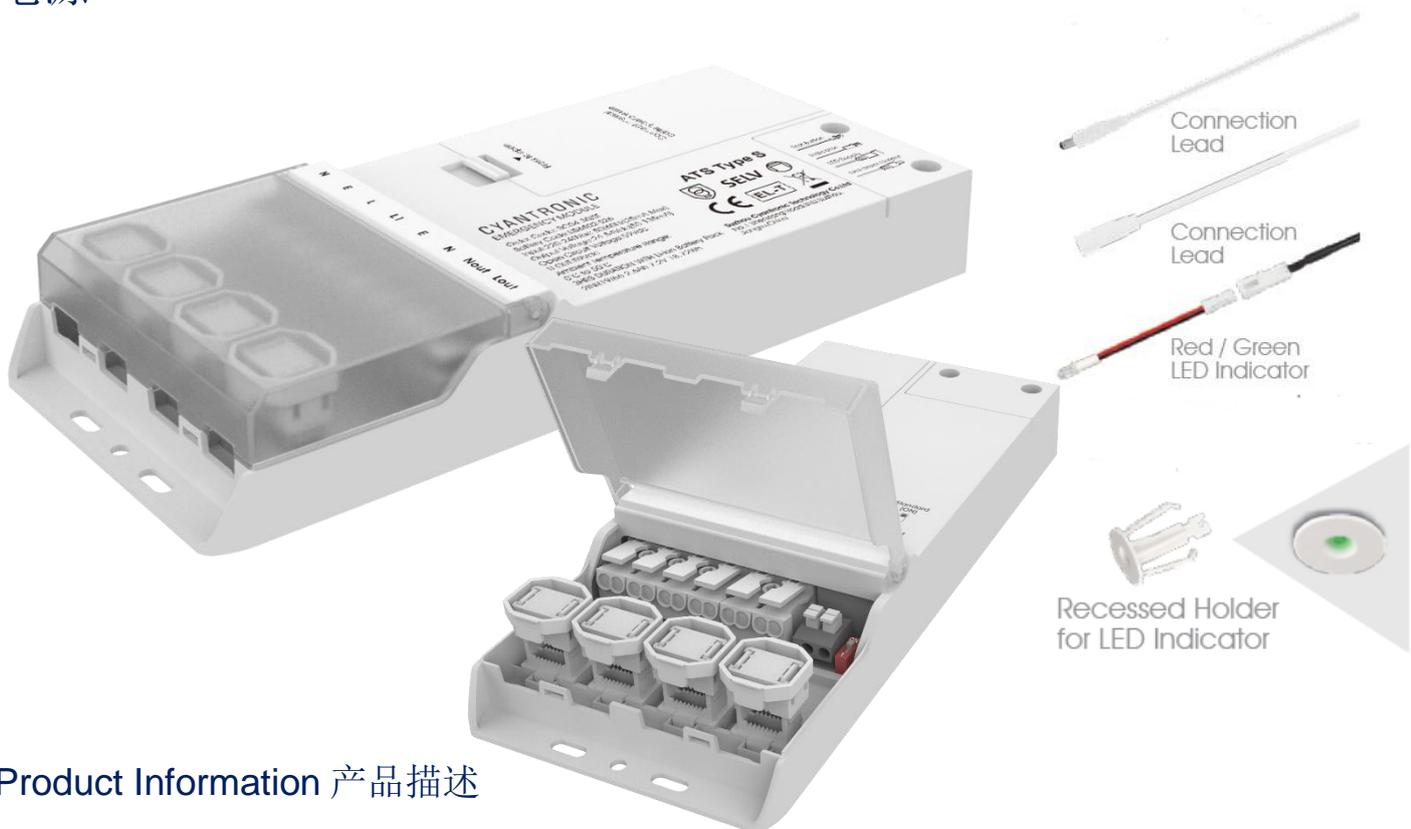


β C

Standard and Self-Test 2 in 1 External Emergency Module for LED Panels and Commercial Downlight

适用于 LED 平板灯和商业筒灯的标准/自检 2 合 1 外置式应急电源



Product Information 产品描述

The Emergency Module (EM) is suitable for class III luminaires with integrated LEDs and separate LED drivers. The EM has a replaceable internal battery and can be installed within a luminaire or within the ceiling void to provide a back-up supply in the event of a power cut. The EM requires a permanent live un-switched supply to maintain the battery charge. In the event of a power cut the battery within the EM will supply the luminaire at a reduced output.

Automatic Self-Test technology that will perform regular automatic function and duration tests as required by EN 62034, reporting the results via a bi-coloured LED indicator.

此应急电源适用于配有独立电源、集成 LED 模组的 III 类灯具。具有内置的可更换的电池，可装在灯具内或直接放在天花板内，停电时作为备用电源给灯供电。需要一直通电持续为电池充电。在停电的情况下，其内置的电池将以较低的功率给灯具中 LED 模组供电。

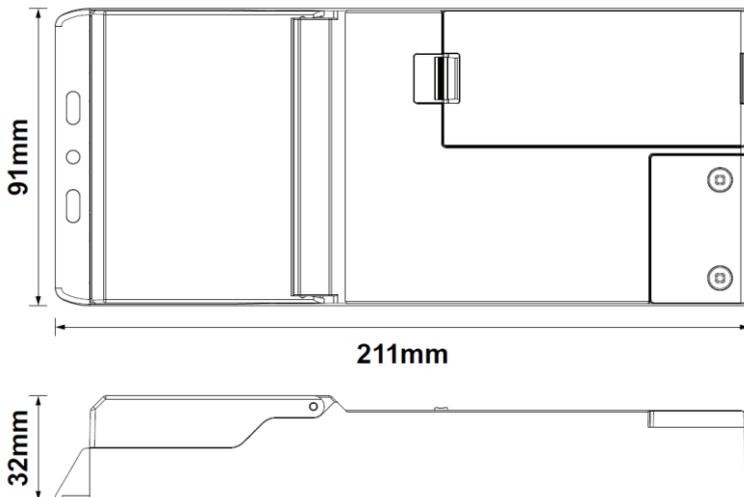
自检功能指按照 EN62034 的要求执行定期的自动功能和持续时间测试，并通过双色 LED 指示灯报告结果。

Features 产品特点

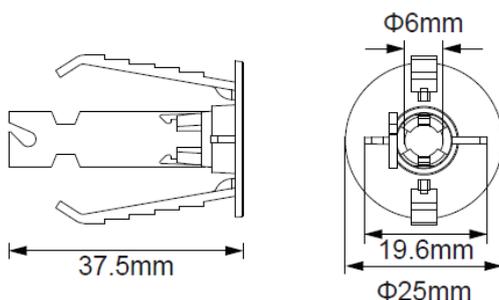
- Standard and Self-Test mode setting via an internal DIP switch
- For luminaires with class III LED modules and separate LED drivers
- For maintained or non-maintained emergency lighting systems
- Automatic Self-Test technology conforming to EN 62034
- Conforms to EN 61347-1 and EN 61347-2-7
- Wired between driver and LED module via wiring leads with connector
- Suitable for use in luminaires for high-risk task area lighting
- Voltage change-over threshold according to EN 60598-2-22
- 3 hours rated duration
- Replaceable internal Li-ion battery pack
- Over-charge, over-current, short-circuit and deep discharge protection for battery
- Bi-coloured status LED
- Weekly function test and yearly duration test for self-test mode
- For independent
- 内置拨码选择标准/自测试模式
- 适用于由独立电源控制集成LED模块的III类灯具
- 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
- 符合EN61347-1, EN61347-2-7
- 通过带端子电线与电源及LED模组接线
- 适用于高风险任务区照明灯具
- 应急转换符合标准EN 60598-2-22
- 3小时应急工作时间
- 内置的且方便更换的锂电池组
- 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
- 自检模式下每周功能检测年度持续时间检测
- 外置式应用

Dimensions 产品尺寸

Emergency Module 应急模块



Indicator Holder 指示灯固定座



Specifications 产品参数

Input Voltage 输入电压	220-240Vac 50/60 Hz
Input Current (max) 输入电流 (最大值)	20 mA
Battery Output Wattage (max) 电池输出功率 (最大值)	4 W
Output Wattage 输出功率	3 W
Output Voltage 输出电压	24-54 Vdc
Output Current 输出电流	50-135 mA
Open Circuit Voltage 开路电压	59 Vdc
Maximum Working Voltage 工作电压 (最大值)	59 Vdc
Protection IP 及防护等级	IP20, Independent Driver IP20,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
Emergency Onversion Time 应急转换时间	<1 s
Test Function 检测方式	Automatic and Manual 自动/手动
Length x Width x Depth 长*宽*深	211 x 91 x 32 mm
Input Connection 输入端连接方式	Wiring leads with connector 带端子电线
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)	75 °C
Ambient Temperature Range 工作环境温度(°C)	0 to 45 °C

Notes: 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：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	LIB6502-S26
Battery Type 电池类型	Li-ion 18650
Battery Capacity 电池容量	2600 mAh
Battery Voltage 电池电压	7.2 V
Battery Charge Voltage 电池充电电压	8.4 Vdc
Battery Charge Current 电池充电电流	Max.180 mA
Battery Discharge Voltage 电池放电电压	6-8.4 Vdc
Battery Discharge Current 电池放电电流	450-550 mA
Charging Time 充电时间	>24 h
Battery Charge Temperature Range Tcmin - Tcmax 电池充电温度范围	0-45 °C
Battery Life 电池寿命	3 Years

Order Codes 产品型号

产品型号 Order Code	描述 Description
BC04-30/SS	β C Standard/Self-test, 4W battery output wattage, 3.0hours emergency operation time, LIB6502-S26 β C 标准/自测试, 4W 电池输出功率, 3 小时应急工作时间, LIB6502-S26

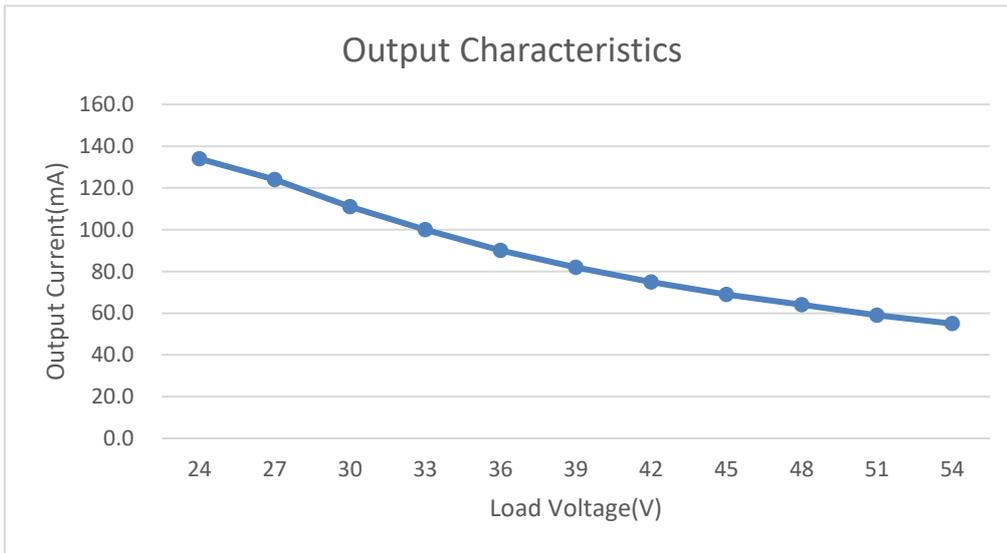
Customizable Accessories 可定制配件

Type 类型	描述 Description
LED Indicator LED 指示灯	2-pole plug connector with green charging status LED 充电状态绿色指示灯, 含2芯可插拔端子
Test Button 测试按钮	2-pole plug connector with test button for a quick functional test 用于快速功能检测的测试按钮, 含 2 芯可插拔端子
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
Output Cable to LED Driver Output 输出线	2-pole wiring leads with connector for connecting to LED driver output 2 芯电线, 含与 LED 电源输出端连接的端子

Output Characteristics at 7.2V nominal battery voltage

输出特性(7.2V 标称电压时)

Load Voltage(V) 负载电压	24	27	30	33	36	39	42	45	48	51	54
Output Current(mA) 输出电流	134	124	111	100	90	82	75	69	64	59	55
Output Wattage(W) 输出功率	3.20	3.34	3.31	3.28	3.24	3.20	3.16	3.11	3.07	3.02	2.97



Wiring Diagram 接线图

Driver output current $\leq 2A$ 驱动输出电流 $\leq 2A$

