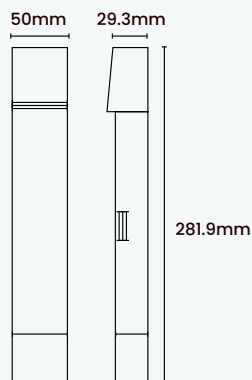




Emergency battery pack

Dimensions (mm)



Emergency Battery pack

5YR
Warranty

Introduction

The Emergency battery pack Converter is a universal solution designed for use with most LED lamps that operate with constant power drivers. It functions as an emergency battery pack, converting stored battery energy into the DC voltage and current required to power LED loads during an outage.

This unit can be configured for either maintained or non-maintained operation, allowing a single LED fixture to function in both standard and emergency modes.

In emergency mode, the emergency battery pack delivers a constant 2.5W output with a rated voltage range of 10–300V. It features built-in protections against discharge, overload, short circuit, and low battery voltage.

Each unit comes fully integrated in one box and includes the battery pack, LED charge indicator, test switch, and emergency power module for quick and easy installation.

Features

- Ideal for Selected Panels & Downlights
- Discharge Protection
- Lithium Iron Phosphate Battery
- Snap-in cartridge with optional AC quick plug connector and securing clips
- Self test feature (manual and automatic test initiation)
- Lifetime 50,000 hours

Electrical Specifications

Input Voltage	220–240V AC
Mains Frequency	50/60Hz
Output Power (Emergency)	2.5W (Constant Power)
Output Voltage Range	10–300V DC
Output Current Range	1.5–17.2mA
Battery Type	3.2V / 3000mAh LiFePO ₄ (Lithium Iron Phosphate)
Battery Voltage Range	2.5–3.2V
Battery Discharge Current	1.9–2.4A ±0.2A
Charge Current	200mA ±10%
Charge Time	16 hours
Emergency Duration	3 hours
Protections	Short-circuit, overload, discharge, battery low voltage
Test Functions	Weekly 5 sec test, 3-hour duration test every 6 months
Operation Modes	Maintained / Non-maintained

Physical Specifications

Dimensions (L x W x H)	281.9 × 50 × 29.3 mm
Max Casing Temperature (tc)	70°C
Operating Temperature	–20°C to +40°C
IP Rating	IP20
Mounting Method	Snap-in or bracket (varies by fixture)
Material	Plastic



Product lines are subject to change and aspects such as colour temperature, lumens, dimensions or options may differ. Please contact your sales representative for confirmation.