

LED Panel 2.5W IP20 3Hr Emergency Pack



Description

Brackenheath's universal emergency pack can be installed as either a maintained or non-maintained unit, allowing our LED panels to function in both normal and emergency modes.

Kit includes remote LED charge trailing indicator, universal connectors, and a 2-in-1 design featuring both a manual test switch and self-test operation—all available in a single emergency pack.

Designed for compatibility with all Brackenheath LED panels that use constant power drivers, the emergency pack delivers a 2.5W constant power output in emergency mode, with a rated voltage range of 220-240V. Features a discharge protection circuit, along with safeguards against overload, short circuits, and low battery voltage.

Features

- Brackenheath's universal 3-hour emergency pack for LED panels provides a consistent power output in emergency mode.
- 2.5W output power, 3.2V, 3000mAh LiFePO4 battery.
- Operates in both maintained and non-maintained emergency modes.
- Includes 2-in-1 design featuring both a manual test switch and self-test operation.
- Features a discharge protection circuit, along with safeguards against overload, short circuits, and low battery voltage.
- Includes a trailing LED indicator for positioning alongside panel and universal connectors.

Range:

- Part Code: BR2130
- Compatible with all Brackenheath single-color and color-changing LED panels in both round and square ranges.

Technical Specification

Voltage	220-240V
Frequency	50-60Hz
Output Voltage	20-90V
Emergency Output Power	2.5W
Charge Current	200mA
Short Circuit Protection	Yes
Battery Type	LiFePO4
Battery Capacity	3.2V 3000mAh
Ambient temperature ta	5°C~55°C
Max. Casing temperature tc.	75°C
Manual test	Test button
Self-test function	Initial Test – 24hrs after - 3 hours, installation – 3 hours, Half year duration test (every 180-182 days)
IP Rating	IP20
Insulation Class	Class II
Dimensions	Length – 199mm Width – 55mm Depth – 24mm
Guarantee	5 Years