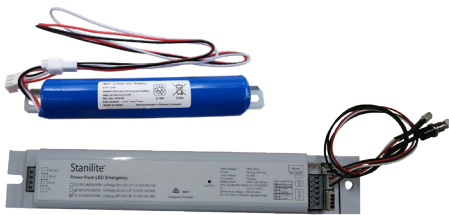


# Stanilite®

## Power pack LED Nexus® emergency



Catalogue no.	Description
<b>Nexus products</b>	
PPNXSLEDP5W	Power pack LED Nexus LX SELV 18-45V LiFePO4
PPNRFLEDP5W	Power pack LED Nexus RF SELV 18-45V LiFePO4
<b>Spare parts</b>	
03-01317P	Battery LiFePO4 6.4V 3.2Ah

### Range

Non-standard range

### Product group

Power pack and LED driver

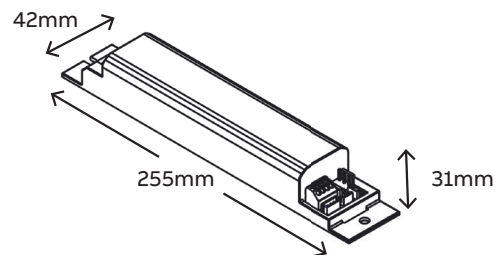


### Description

The power pack LED emergency is designed to convert SELV (safety extra low voltage)  $\leq 45V$  design normal LED luminaire into an emergency luminaire. The power pack is installed by breaking into the low voltage output connection between the mains LED driver and the LEDs and allows the LEDs to be operated as normal under mains healthy conditions and operated at reduced light output in an emergency.

### Features

- SELV output voltage  $\leq 45V$
- Constant power output
- Constant current intelligent battery charger
- Polarity reversal protection for battery
- Deep discharge protection
- 60°C Lithium iron phosphate battery for longer life
- Low profile control module (42 x 31mm cross-section)
- Compatible with SELV  $\leq 45V$  LED luminaires in the market



### Dimensions

Part	Length	Width	Height
Main module	255mm	42mm	31mm
RF module	81mm	31mm	21mm
Battery pack	180mm	28mm	28mm
Antenna cable	500mm		
Serial cable	250mm		
Test switch and LED	600mm		

### Weight

Model	Weight
Nexus LX/RF	0.8kg

### Construction

Part	Construction
Main module	Polycarbonate
RF module	Polycarbonate
Battery pack	LiFePO4

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**Technical data**

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<b>Part</b>	<b>Specifications</b>
Rated supply voltage	220-240V
Mains frequency	50/60 Hz
LED module forward voltage range	18-45V
Time to light up on mains failure	<0.25 seconds of emergency event
Maximum output voltage	45V
Battery charging time	16 hours**
Ambient temperature ta	+5°C to +40°C
Maximum casing temperature tc	75°C
Type of protection	IP20

Note: \*\* 16 hours battery charging time for 2 hours emergency lighting duration as per AS2293

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**Note:**

- This LED power pack complies with EMC regulations as a stand-alone unit. We advise that if you incorporate this pack into your product (batten/luminaire) you must test the complete (product/luminaire) for EMC compliance. ABB accept no responsibility for EMC and thermal compliance of retrofitted product unless we have performed a formal assessment. The luminaire manufacturer/installer is responsible for EMC and thermal compliance as required per AS2293 appendix C and D.