



EPE-EX1

LED Exit Sign



RoHS



INTRODUCTION

EPE-EX1 LED Exit Sign is compact and decorative design with high luminance performance. It is suitable for various mounting way such as ceiling, wall, track, recessed, pendant and side mounting. LED self-contained luminaire with manual test and auto test optional. Replaceable pictogram design, including arrow right, left, down, up. Pictogram inserts all in one package.

FEATURES

- Compact and decorative design.
- Single and double face universal.
- Replaceable pictogram legends.
- LiFePO4 battery, long life time.

Mounting Options



Ceiling / Wall Mounting



Side Mounting



Recessed Mounting



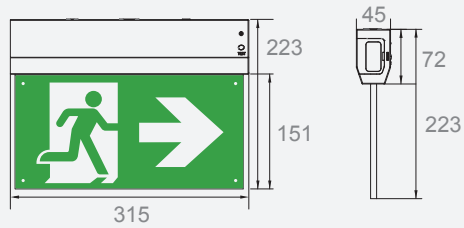
Track Mounting



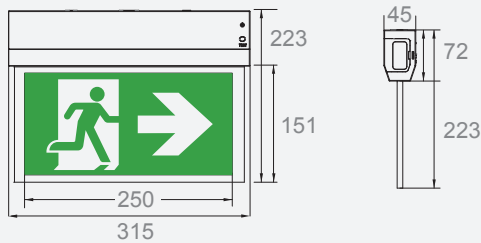
Pendant Mounting

Dimensions unit:mm

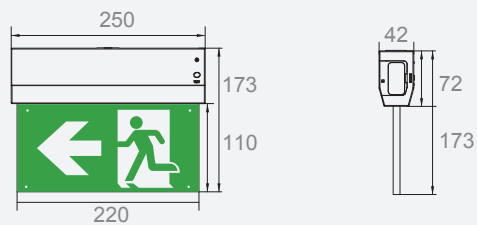
30M Product



25M Product



20M Product



Pictogram



Model List

Model	Input Voltage	Output Power	Charge Duration	DischargeDuration	Battery	Test Mode
EPE-EX1-MT-3H	220-240V	1W Max	24H	3H	LiFePO4 6.4V600mAh	AT
EPE-EX1-AT-3H	220-240V	1W Max	24H	3H	LiFePO4 6.4V600mAh	MT

Driver Datasheet

Model	EPE-EX1
Power Consumption	1W Max
Frequency	50/60Hz
Input Voltage	220-240V
Discharge Efficiency	≥60%
Output Power	3W±0.5W
Power Factor	≥0.3
Rated Input Current	150mA±10%
Full load output voltage	DC12V
Rated output current	60mA±10%
Surge	0.5KV
Withstand voltage	AC3750V

Technical Data Sheet

Model	EPE-EX1
LED	SMD2835
CCT(K)±10%	5000K
CRI	>70
LED Driver	Built-out
Protection Class	Class II
IP Rating	IP20
Finishing color	White/Black
Material	ABS
Glow wire test (°C)	COVER:850 °C
Operating Temp (°C)	0 °C ~45 °C
Storage Temp (°C)	0 °C ~65 °C

Instructions for automatic test option

1.Once the unit is powered up it will automatically initiate a self test and diagnostics as follows:

- Every 4seconds: Checks for battery disconnection,charger board fault,lamp fault and transfer fault.
- Every month: Performs a 3minutes duration test.
- Every year:Performs a 1 hour or 3 hours duration test.

All test functions are factory preset and do not need field adjustment.

2.Dual Colour Indicator LED Status Mesnings

- Green Solid On Ready/Normal Operation
- Red Requires Service

•	One flashes, 4 seconds pause	Battery not connected
••	Two flashes, 4 seconds pause	Low battery voltage
•••	Three flashes, 4 seconds pause	Charger board fault
••••	Four flashes, 4 seconds pause	AC/DC transfer fault
•••••	Five flashes, 4 seconds pause	LED lamp fault

NOTE:After repairing a service fault,press and hole the test button for 2 seconds to reset the flashing indicator light to green.

3.Manual Testing

Press test button once	30 seconds duration test
Press test button twice within 2 seconds	3 minutes duration test
Press test button 3 times within 2 seconds	30 minutes duration test
Press test button 4 times within 2 seconds	1 hour or 3 hours duration test



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