EPE-EX2

LED Exit Sign

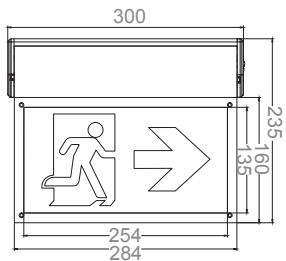CE · DALI · RoHS · 25M

INTRODUCTION

EPE-EX2 LED Exit Sign is compact and decorative design with high luminance performance. It is suitable for various mounting way such as ceiling, wall, and side mounting. LED self-contained luminaire with manual test and auto test optional. Replaceable pictogram design, includingarrow right, left, down, up. Pictogram inserts all in one package.

FEATURES

- Compact and decorative design.
- Aluminum housing with high grade acrylic panel.
- LED Exit Sign with high luminance performance.
- LiFePO4 battery,long-life time.

Dimensions   unit:mm

300
235
160
135
254
284
42

Mounting Options

Side Mounting

Wall Mounting

Ceiling Mounting

Model List

Model	EPE-EX2-MT-3H	EPE-EX2-AT-3H
Input Voltage	220-240V	220-240V
Output Power	1W Max	1W Max
Charge Duration	24H	24H
Discharge Duration	3H	3H
Battery	LiFePO4 6.4V600mAh	LiFePO4 6.4V600mAh
Test Mode	Manual Test	Auto Test

Technical Data Sheet

Model	EPE-EX2
LED	SMD 2835
CCT(K)±10%	5000K
CRI	>70
LED Driver	Built-out
Protection Class	Class Ⅰ
IP Rating	IP20
Finishing color	Silver Aluminum
Material	PMMA 0℃ ~45℃
Operating Temp (°C)	0℃ ~60℃
Storage Temp (°C)	

Driver Datasheet

Model	EPE-EX2
Power Consumption	3W Max
Frequency	50/60Hz
Input Voltage	220-240V
Discharge Efficiency	≥60%
Output Power	1W Max
Power Factor	≥0.3
Rated Input Current	120mA±10%
Full load output voltage	DC12V
Output current range	100mA±10%
Short circuit protection	PASS
Over voltage protection	PASS
Surge	0.5KV
Withstand voltage	AC3750V

Instructions for automatic test option

1.Once the unit is powered up it will antomaticlly 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
•	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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