EPU-EX2

LED Plastic Exit Sign

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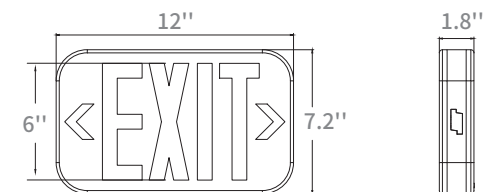
INTRODUCTION

The EPU-EX2 Exit Sign is constructed from injection molded, V-0 flame retardant, high impact thermoplastic housing. White and Black housing options are available.

The illumination is achieved by use long-lasting, efficient ultra bright red LEDs. Color-matched diffuser eliminates hots spots and striations, providing optimal light output.

FEATURES

- ETL and CEC Compliance
- Listed for damp location
- Push-to-test switch
- 120 - 277 VAC operation
- Injection-molded, VO flame retardant, high impact housing
- Self-diagnostic capability
- Universal mounting canopy for top or side installation

Dimensions   unit:mm

Appearance Color Options

Mounting Options

Model List

Model	Input Voltage	Charge Duration	DischargeDuration	Battery	Letter Color	Finishing Color	Test Mode
EPU-EX2-G-AT	120-277V	24H	90mins	Ni-Cd 3.6V900mAh	Green	WH / BK	Auto Test
EPU-EX2-R-AT	120-277V	24H	90mins	Ni-Cd 3.6V900mAh	Red	WH / BK	Auto Test
EPU-EX2-G-MT	120-277V	24H	90mins	Ni-Cd 3.6V900mAh	Green	WH / BK	Manual Test
EPU-EX2-R-MT	120-277V	24H	90mins	Ni-Cd 3.6V900mAh	Red	WH / BK	Manual Test
EPU-EX2-G	120-277V	/	/	AC Only	Green	WH / BK	/
EPU-EX2-R	120-277V	/	/	AC Only	Red	WH / BK	/

Driver Datasheet

Model	EPU-EX2
Input Voltage	120-277V
Frequency	50/60Hz
Discharge Efficiency	≥60%
Total load wattage	2.5W Max
Output Power	1.5W max
Power Factor	≥0.3
Rated Input Current	≤0.05A
Full load output voltage	DC2.8-3.3V
Output current range	550mA Max
Surge	0.5KV
Withstand voltage	AC2000V

Technical Data Sheet

Model	EPU-EX2
CCT(K)±10%	5000K
CRI	>70
Letter Size	6''height with 3/4'' stroke
LED Driver	Built-in
Protection Class IP	Class Ⅱ
Rating	IP20
Finishing color	White/Black
Material	ABS
Operating Temp (°C)	0℃~45℃
Storage Temp (°C)	0℃~65℃

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 90 minutes duration test.

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

2.Dual Colour Indicator LED Status Mesnings

• Red   Solid On   Ready/Normal Operation

• Red Blinks   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 red.

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	90 minutes duration test

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