



# EPU-EX3

Wet Location LED Exit Sign



**RoHS**

## INTRODUCTION

The EPU-EX3 is constructed of 5VA flame retardant, polycarbonate housing. High impact, polycarbonate lens included, some discoloration may occur over time if installed in direct sunlight. Fully gasketed with engineering grade silicone. Used ultra bright, energy efficient red or green LEDs.

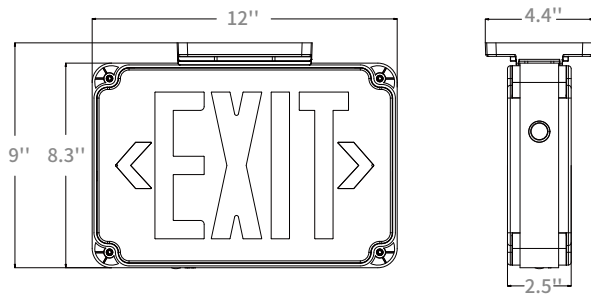
## FEATURES

- Listed for wet location
- Ultra bright LEDs
- Suitable for top, side, and wall mount installations
- 120 to 277 VAC operation
- Extremely low operating costs
- Removable directional indicators
- Maintenance free NiCad battery
- Two "EXIT" Faceplate (with optional knockout arrows)



## Dimensions

unit:inch



## Color Options



## Wall Mounting



## Model List

Model	Input Voltage	Charge Duration	Discharge Duration	Battery	letter Color	Finishing Color	Test Mode
EPU-EX3-G-AT	120-277V	24H	90mins	Ni-Cd 3.6V900mAh	Green	WH/BK	Auto Test
EPU-EX3-R-AT	120-277V	24H	90mins	Ni-Cd 3.6V900mAh	Red	WH/BK	Auto Test
EPU-EX3-G-MT	120-277V	24H	90mins	Ni-Cd 3.6V900mAh	Green	WH/BK	Manual Test
EPU-EX3-R-MT	120-277V	24H	90mins	Ni-Cd 3.6V900mAh	Red	WH/BK	Manual Test
EPU-EX3-G	120-277V	/	/	AC Only	Green	WH/BK	/
EPU-EX3-R	120-277V	/	/	AC Only	Red	WH/BK	/

## Driver Datasheet

Model	EPU-EX3
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-EX3
CRI	>70
Letter Size	6"height with 3/4" stroke
LED Driver	Built-in
Protection Class	Class II
IP Rating	IP20
Finishing color	White/Black
Material	ABS
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 3 minutes 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 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	90 minutes duration test



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