



EPE-EX4A

LED Exit Sign



CE RoHS

INTRODUCTION

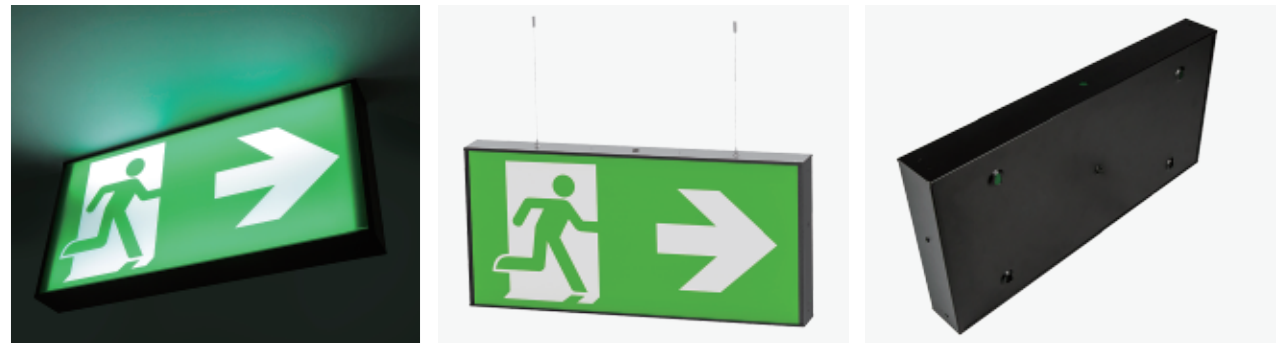
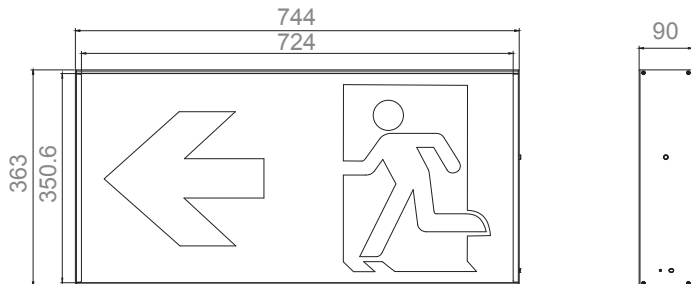
Self-contained LED Exit Sign large than normal with 70m viewing distance. High efficiency LED chips are evenly laid out at the upper and bottom of the sheet steel, to ensure nice and even light distribution for such large exit sign without dark area.

ON/OFF button at the same side as manual test button and LED indicator is set for easy battery connection and disconnection. Convenient installation suitable for back mount, ceiling mount, or pendant. Single-sided pictogram or double-sided pictograms optional.

FEATURES

- 2 X LED strips for single-sided pictogram.
- 4 X LED strips for double-sided pictograms.
- Anodized sheet steel housing with black or white colour.
- Lamp colour: 6000K.
- Lamp power: 22W Mains. 10W Emergency.
- Maintained mode, Auto test or Manual test.
- 70m viewing distance. IP20 as standard.

Dimension Unit:mm



Model List

Model	Input Voltage	Input Current	Mains Power	Output Charge Current	Charge / Discharge	Battery	Test Mode
EPE-EX4A-AT-1H	220-240V	100mA Max	22W	230mA	24H / 1H	Li-ion 11.1V 2200mAh	Auto test
EPE-EX4A-MT-1H	220-240V	100mA Max	22W	230mA	24H / 1H	Li-ion 11.1V 2200mAh	Manual Test
EPE-EX4A-AT-2H	220-240V	100mA Max	22W	230mA	24H / 2H	Li-ion 11.1V 5000mAh	Auto test
EPE-EX4A-MT-2H	220-240V	100mA Max	22W	230mA	24H / 2H	Li-ion 11.1V 5000mAh	Manual Test
EPE-EX4A-AT-3H	220-240V	100mA Max	22W	230mA	24H / 3H	Li-ion 11.1V 5000mAh	Auto test
EPE-EX4A-MT-3H	220-240V	100mA Max	22W	230mA	24H / 3H	Li-ion 11.1V 5000mAh	Manual Test

Driver Datasheet

Model	EPE-EX4A-1H	EPE-EX4A-2H	EPE-EX4A-3H
Frequency	50/60Hz	50/60Hz	50/60Hz
Efficiency	≥60%	≥60%	≥60%
Mains wattage	22W Max	22W Max	22W Max
Power Factor	≥0.3	≥0.3	≥0.3
Input Current	≤0.100A	≤0.100A	≤0.100A
Emergency Power	10W Max	10W Max	10W Max
Full load output voltage	DC39V	DC39V	DC39V
Output current	230mA±10%	230mA±10%	230mA±10%
Surge	0.5KV	0.5KV	0.5KV
Withstand voltage	AC3750	AC3750	AC3750
Short circuit protection	PASS	PASS	PASS
Over voltage protection	PASS	PASS	PASS

Technical Data Sheet

Model	EPE-EX4A
Mains Watt(W)	22W Max
Input Voltage(V)	AC220-240V
LED	SMD 2835
CCT(K)	6000-6500K
CRI	>80
LED Driver	Built-in
Protection Class	Class II
IP Rating	IP20
Finishing color	Black RAL 9005
Material	Aluminum+PMMA
Glow wire test (°C)	COVER:850 C / LENS:650 C
Operating Temp.(°C)	0 C ~45 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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