

EMB WALL Constant Output Emergency Battery

Client:
Project:
Type:
Quantity:

CONSTRUCTION

Red Metal Casing with separate external battery with quick connector.

ELECTRICAL

Universal Input: 100 ~ 347V AC, 50/60Hz

Input Current: 150mA

Recharge Power: 10W

Output Voltage: 170V DC

Surge Protection: Line-Neutral 3KV

Emergency Power: 8W / 18W



Self Diagnostic Li-ion Battery

Standard Operating Temperature: 5°C ~ 50°C (41°F ~ 122°F)

Cold Weather Option: -20°C ~ 50°C (-4°F ~ 122°F)

Recharge Time: 24 Hours

Discharge Time: 90 Mins

Smart battery built-in over temperature, over charge, over discharge protections.

SELF-TESTING

The integrated Self-Diagnostic circuitry will automatically conduct monthly 30s and annual 90mins tests to verify proper emergency capability per Life Safety Code requirements.

NFPA 101, Life Safety Code Outlines the following schedule:

Monthly - During AC mode, the system conducts a 30s self-discharge test of the emergency led driver every 30 days and automatically restore to normal charging after 30s discharged.

Annually - During AC mode, the system conducts a 90mins self-discharge test of the emergency led driver every 365 days and automatically restore to normal charging after fully discharged.

WARRANTY

5 year warranty, see Limited Warranty for additional information.



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ORDER INFORMATION			EXAMPLE: EMB-8W-B	
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Part	Series	Device Part
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EMB		
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A SERIES

EMB	High Voltage Output Smart Emergency Battery
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B POWER

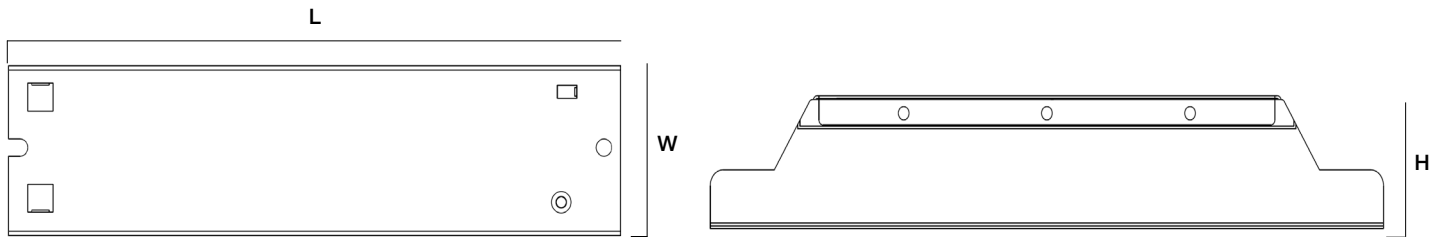
Code	Power	Input Voltage	Output	Operating Temperature
8W-B	8W	100 ~ 347V AC	170V DC	5°C ~ 50°C (41°F ~ 122°F)
18W-B	18W	100 ~ 347V AC	170V DC	5°C ~ 50°C (41°F ~ 122°F).
18W-C-B	18W	100 ~ 347V AC	170V DC	-20°C ~ 50°C (-4°F ~ 122°F)

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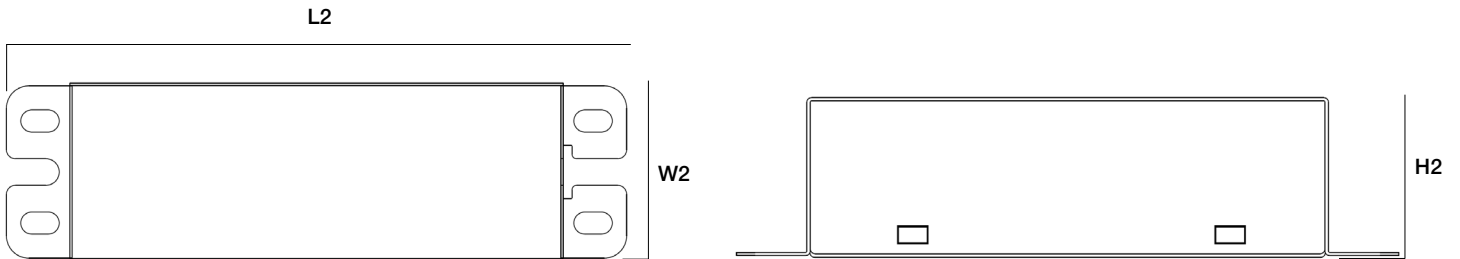
DIMENSIONS

MODEL	L	L2	W	W2	H	H2
EMB-8W-B	7.32" (186mm)	4.25" (108mm)	1.50" (38mm)	1.63" (42mm)	.99" (25mm)	.99" (25mm)
EMB-18W-B	7.32" (186mm)	7.07" (179mm)	1.50" (38mm)	1.63" (42mm)	.99" (25mm)	.99" (25mm)
EMB-18W-C-B	7.32" (186mm)	7.07" (179mm)	1.50" (38mm)	2.27" (58mm)	.99" (25mm)	1.29" (33mm)

DRIVER



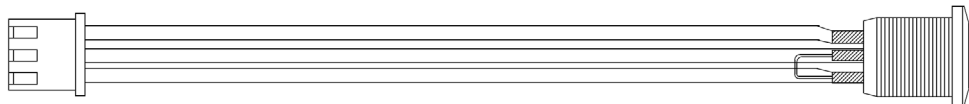
BATTERY



INDICATOR LIGHT and TEST BUTTON

Metal One-Piece Indicator Light

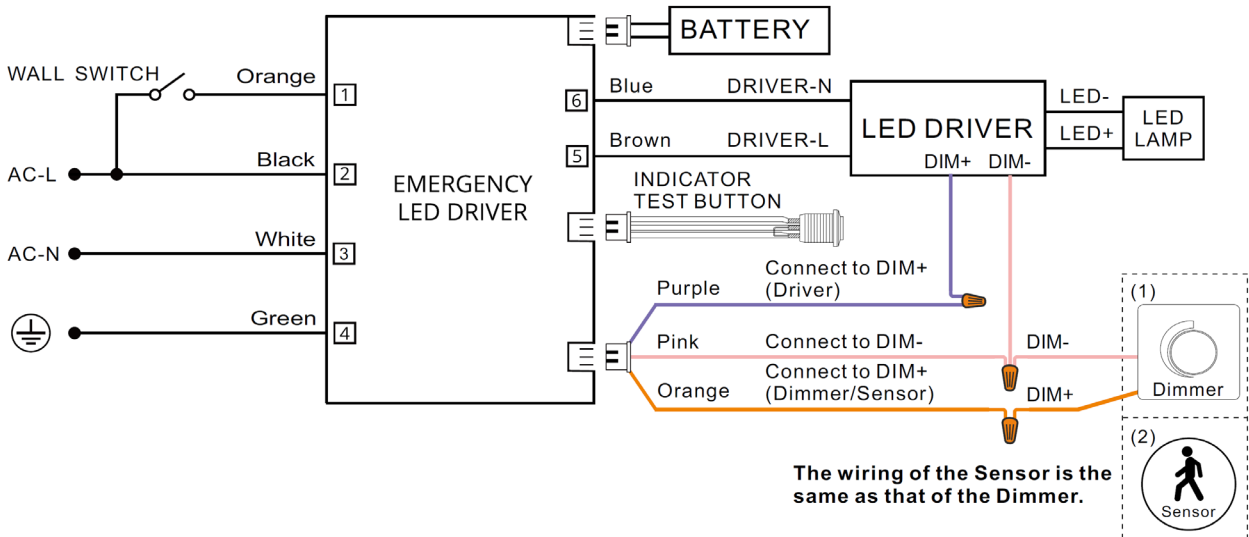
INSTALLATION HOLE SIZE:
 12mm TEST BUTTON: ϕ .48" (12.2mm)



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WIRING DIAGRAM

For LED fixture's power is higher than that of emergency LED drivers



For LED fixture's power is less than that of emergency LED drivers

