

SPECIFICATION SHEET

SUBJECT

EMERGENCY BATTERY DRIVER

CUSTOMER PROJECT

Project: _____
 Type: _____
 Cat. No.: _____
 Qty: _____
 Date: _____
 EEL Rep: _____



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Telephone: 905 415 8878 Fax Number: 905 415 8872 Toll Free Telephone: 855 415 8878 Toll Free Fax: 855 415 8872

DESCRIPTION

The Emergency Battery Driver is a constant current emergency driver which can be used in most of the EEL fixtures as the battery back-up. It has 3KV surge protection. Input Voltage 120-277V. 50/60 Hz. 3 years Warranty

Electrical Specifications

Output Power Max. (W)	Output Voltage (V)	Output Current (A)	Min.Start Temp. (°F/°C)	Max Case Temp. (°F/°C)	Input Current (A)	Input Power (W)	THD Max.	Power Factor Min.	Typical Efficiency (%)	Operating Temp (°C)
50	26-43	1.15	32/0	176/80	0.46@ 120V 0.21@ 277V	58	20	0.9	82	0-50

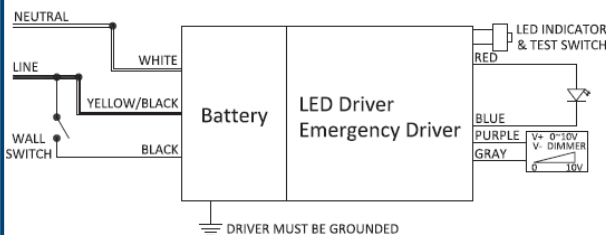
Dimming Method (V)	Dimming Range (%)	Dimming Source Current (mA)
1-10	10-100	10

Electrical Power

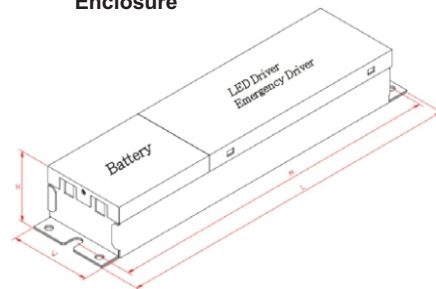
Battery Type: LiFePO4 6.4VDC/ 3200mAh

Output Power Max. (W)	Output Duration Min	Battery Charge Time Max	Battery Voltage (V)	Battery Charge Current (mA)	Output Voltage (V)	Output Current (mA)
8	90min	24Hrs	6.4	185	26-43	186

Wiring Diagram



Enclosure



	in.	cm.		in.	cm.
Black	5.9	15	Yellow/Blue		
White	5.9	15	Blue/White		
Blue	5.9	15	Brown		
Red	5.9	15	Orange		
Yellow/Black	5.9	15	Orange/Black		
Gray	7.1	18	Purple	7.1	18

Over All (L)	Width (W)	Height (H)	Mounting (M)
26.1cm	6.1cm	3.7cm	24.6cm
10.28"	2.4"	1.45"	9.69"

Maximum wiring distance (at full load) is 18AWG / 18Feet.



EMD5025 EMERGENCY BATTERY DRIVER

EMERGENCY BATTERY DRIVER

EMD5025

Driver Type	Emergency Battery Driver
Output Mode	Constant Current
Input Voltage	120-277 Vac
Input Frequency	50/60 Hz
IP Rating	30
Surge Rating	3kV

Protection: Short circuit protection, overload protection



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Data is based upon tests performed by Antron Electronics, in a controlled environment and representative performance. Actual performance can vary depending on operating conditions. Specification are subject to change without notice. All specifications are nominal unless otherwise noted.