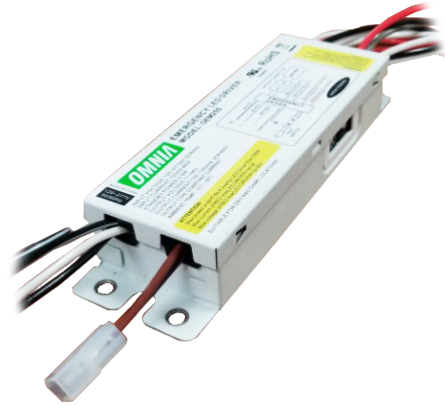


# OMNIA EMERGENCY LED DRIVER (SPLIT TYPE)



### ELECTRICAL SPECIFICATIONS

Input Voltage	120-277V
Input Current	100mA MAX.
Power Factor	0.6
Recharge Power	8W MAX.
Standby Power	< 0.5W
Red Lead	3A, 90V
White/Black Lead	100W MAX.
Output Current	100~1050mA
Output Voltage	11~56V
Output Power	25W MAX.
Output Short Protection	Yes
Output Open Protection	Yes
Ambient Temperature	0°C ~50°C
Ambient Temperature 2	0°C ~50°C LiFePO4
Tc MAX	70°C
Time to Light	0.3S from detection of emergency event
Recharge Time Required	24-48Hours (Refer to battery chart)
Battery Type	LiFePO4 9.6VDC
Battery Capacity Available	0.9Ah~6Ah
SELV For Output Voltage	< 60 VDC

### GENERAL INFORMATION

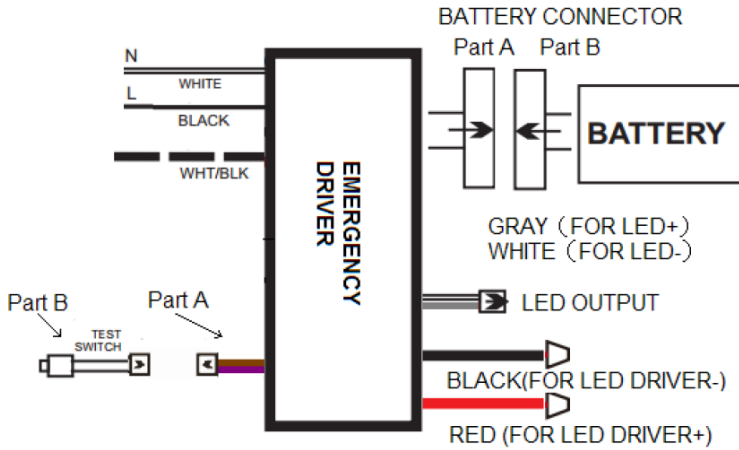
Type	Programmable Constant Current, Class 2
Output Power	25W Max
UL File Number	E309053
EMI Compliance	FCC Part 15 Class B
Warranty	Prorated for 5 years
RoHS Compliant	Yes
PCB	No

### ORDERING INFORMATION

MODEL	LED BATTERY	
OEM25S	5W-L	5W
	8W-L	8W
	16W-L	16W
	25W-L	25W

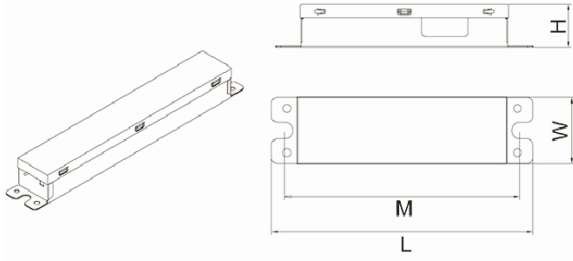
# EMERGENCY LED DRIVER

## WIRING DIAGRAMS



WIRING DIAGRAMS	
Wire	Length (in)
White	13.0
Black	13.0
White/Black	35.0
Battery Connector (Part A)	18.0
Battery Connector (Part B)	12.0
Test Switch (Part A)	1
Test Switch (Part B)	24.0
Black (for LED Driver-)	35.0
Red (for LED Driver+)	35.0
LED OUTPUT	35.0

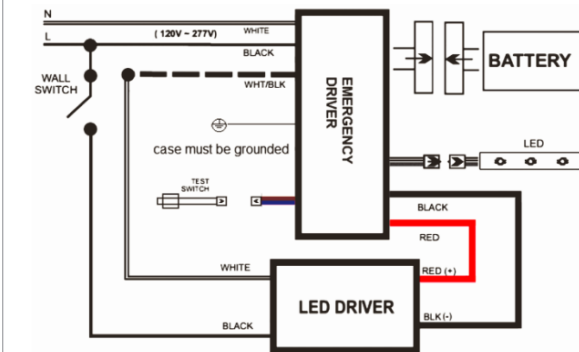
## MECHANICAL DATA



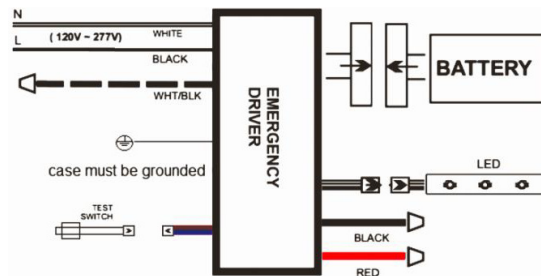
< EMERGENCY DRIVER >

MECHANICAL DATA	
Dimension	Length (in)
H	1.0
W	1.72
L	5.89
M	5.30

## WIRING DIAGRAM (TYP)



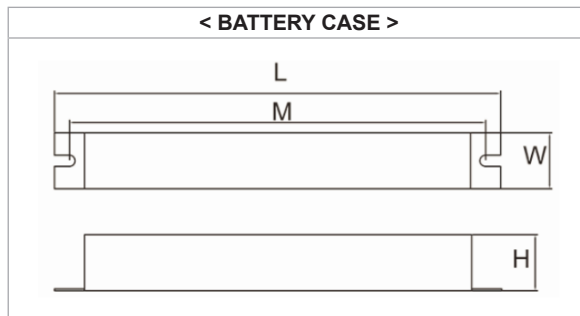
## WIRING DIAGRAM (EMERGENCY ONLY)

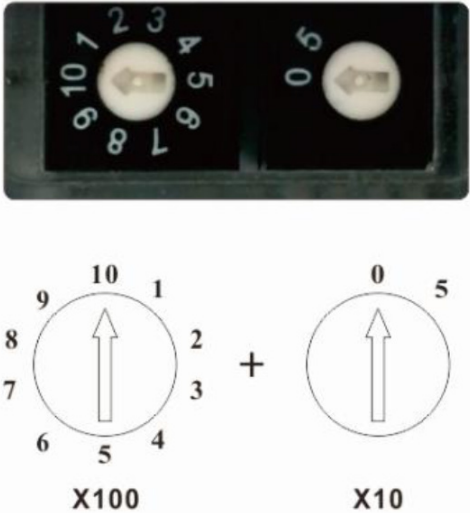


## EMERGENCY LED DRIVER

BATTERY CHART						
Battery Oder Code	Dimension (LxWxH)	Battery Type	Capacity	Wattage	Battery Voltage	Re-Charging Time
5W-L	8.1" x 1.10" x 0.84"	LiFePO4	1000mAH	5W	9.6V	24 Hrs
8W-L	8.1" x 1.10" x 0.84"		1500mAH	8W		24 Hrs
16W-L	9.37" x 1.22" x 1.20"		3000mAH	16W		32 Hrs
25W-L	9.37" x 2.24" x 1.20"		6000mAH	25W		48 Hrs

Wattage: Max load for 90 minutes



PROGRAM SWITCH	FEATURES
 <p>The image shows a black rectangular program switch with two potentiometers. The left one is numbered 1-10 and the right one is numbered 0-5. Below are two circular scales: the left one is labeled 'X100' and has numbers 1-10; the right one is labeled 'X10' and has numbers 0-5. A plus sign is between the two scales.</p>	<p>Programmable Constant Current</p> <ul style="list-style-type: none"> <li>· Pre-set by factory</li> <li>· Adjust it by yourself</li> </ul> <p>Adjustable Output Current</p> <ul style="list-style-type: none"> <li>· 10 ranges</li> <li>· 50mA per scale</li> </ul>

### IMPORTANT SAFE PRACTICES

PLEASE READ CAREFULLY AND FOLLOW ALL INSTRUCTIONS FOR YOUR OWN SAFETY IMPORTANT:  
An un-switched AC power source of 100V AC to 277V AC is required.

- This device is designed for use in fixtures listed for dry and damp locations.
- CAUTION: Make sure all electrical connections conform to the National Electrical Code and all applicable local regulations.
- CAUTION: Do not let power supply cords touch hot surfaces.
- CAUTION: Do not mount near gas or electric heaters.
- CAUTION: Battery is rechargeable LiFePO4 type and must be recycled or disposed of properly.
- Do not use this emergency driver with accessory equipment other than recommended by manufacturer. Failure to follow this may cause an unsafe condition. Servicing should only be performed by qualified service personnel.
- Do not use this emergency driver for other than intended use. Equipment should be mounted in locations and at heights where it will not readily be subjected to tampering by unauthorized personnel.