

| Project     |       |
|-------------|-------|
| Date        |       |
| Prepared By |       |
| Order #     | 11639 |

### Specifications ELECTRICAL

Input Voltage: 120-277VAC 50/60Hz Output Voltage: 11~56V Input Current: 150mA MAX **Output Current:** 100~1050mA Power Fact: .6 **Recharge Power:** 8W MAX Standby Power: <0.5W Red Lead: 3A.90V White/Black Lead: 100W MAX Output Power: 25W MAX **Output Short Protection:** YES **Output Open Protection:** YES Ambient Temperature: -20°C ~ 50°C AmbientTemperature2: 10°C to 50°C LifePO4 Tc MAX: 70°C Time to Light: 0.3S from detection of emergency event. **Recharge Time Required:** 24 - 48hrs Battery Type: LifePO4 9.6VDC Battery Capacity Available: 0.9Ah~6Ah



Norton Shores, Michigan 49441 T: 231.332.1188 | F: 231.726.5029 TOLL FREE: 866.632.7840

## Emergency Back-up Driver For use with 120/277V LED Fixtures



### **PRODUCT FEATURES**

- + 1050mA output Current max
- + SELV for output voltage <60 V DC
- + Programmable constant current
- + Open Circuit Protection
- + Short Circuit Protection

**ORDER CODE:** 11639

### FOR USE WITH:

Order Code: 11609 4ft LED Strip Fixture 120/277V

Order Code: 11610 8ft LED Strip Fixture 120/277V

- + No PCB
- + Sounds Rated A
- + UL / cUL R/C, Class 2
- + FCC Part 15 Class B
- + 5 Years Limited Warranty

### WARNINGS PLEASE READ CAREFULLY AND FOLLOW ALL INSTRUCTION FOR YOUR OWN SAFETY.

- + IMPORTANT: An unswitched AC power source of 100V AC is required.
- + This device is designed for use in fictures listed for dry and damp locations.
- + CAUTION: Do not let power supply chords 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 casuse 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.

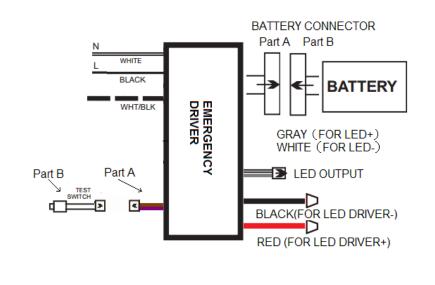
Please consult installation instructions for proper application and use of this fixture.



# EarthTronics Emergency Back-up Driver

For use with 120/277V LED Fixtures

### WIRING DIAGRAMS



| Wire                          | Length<br>(inches) |  |  |
|-------------------------------|--------------------|--|--|
| WHITE                         | 13.0               |  |  |
| BLACK                         | 13.0               |  |  |
| WHT/BLK                       | 15.0               |  |  |
| Battery Connector<br>(Part A) | 1.20               |  |  |
| Battery Connector<br>(PartB)  | 12.0               |  |  |
| Test Switch (Part A)          | 1                  |  |  |
| Test Switch (Part B)          | 24.0               |  |  |
| Black<br>(for LED Driver-)    | 21.0               |  |  |
| Red<br>(for LED Driver+)      | 21.0               |  |  |
| LED OUTPUT                    | 21.0               |  |  |

Length

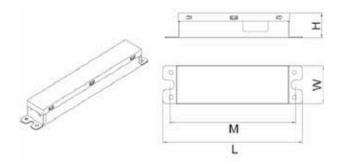
(inches)

1.00 1.72

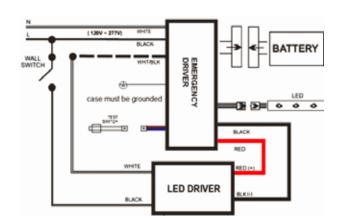
5.89

5.30

LIGHTING LAYOUT



### WIRING DIAGRAM (TYP)



Dimension

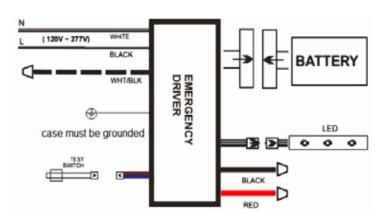
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## EarthTronics Emergency Back-up Driver

For use with 120/277V LED Fixtures

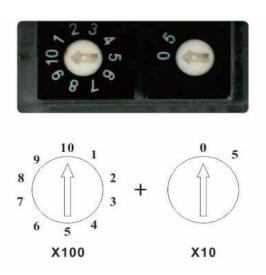
### **BATTERY CHART**

| Battery Order<br>Code | Dimension             | Battery<br>Type | Capacity | Wattage | Battery<br>Voltage | Re-Charging<br>Time |
|-----------------------|-----------------------|-----------------|----------|---------|--------------------|---------------------|
| 5W-L                  | 9.37" x 1.10" x 1.12" | LiFePO4         | 1000mAH  | 5W      | 9.6V               | 24 Hrs              |
| 8W-L                  | 9.37" x 1.10" x 1.12" |                 | 1500mAH  | 8W      | 9.6V               | 24 Hrs              |
| 16W-L                 | 9.37" x 1.22" x 1.20" |                 | 3000mAH  | 16W     | 9.6V               | 32 Hrs              |
| 25W-L                 | 9.37" x 2.24" x 1.20" |                 | 6000mAH  | 25W     | 9.6V               | 48 Hrs              |
| 5W-Q                  | 3.62" x 2.70" x 0.98" |                 | 1000mAH  | 5W      | 9.6V               | 24 Hrs              |
| 8W-Q                  | 3.62" x 2.70" x 0.98" |                 | 1500mAH  | 8W      | 9.6V               | 24 Hrs              |
| 16W-Q                 | 4.61" x 2.83" x 1.20" |                 | 3000mAH  | 16W     | 9.6V               | 32 Hrs              |
| 25W-Q                 | 4.61" x 2.83" x 2.38" |                 | 6000mAH  | 25W     | 9.6V               | 48 Hrs              |

### BATTERY CASE (L Case)

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### **PROGRAM SWITCH**



### **FEATURES**

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Programmable Constant Current +Pre-set by factory +Adjust it by yourself

Adjustable Output Current +10 ranges +50mA per scale

### BATTERY CASE (Q Case)