

## Emergency Battery Pack 120V to 12V - 150W Capacity - 12V DC Output Voltage Instruction Manual

Thank you for your purchase of the Larson Electronics IND-EMG-RBP-120V-150W-12V-N3R Emergency Battery Pack.

### **WARNING:**

**READ CAREFULLY BEFORE INSTALLING FIXTURE. RETAIN THESE INSTRUCTIONS FOR FUTURE REFERENCE.**  
**CRITICAL SAFETY INSTRUCTIONS:**

- INSTALLATION SHOULD ONLY BE CONDUCTED BY A QUALIFIED ELECTRICIAN IN ACCORDANCE WITH NEC AND ANY RELEVANT LOCAL BUILDING CODES.
- RISK OF FIRE OR ELECTRIC SHOCK. FIXTURE INSTALLATION REQUIRES KNOWLEDGE OF FIXTURE'S ELECTRICAL SYSTEMS. IF NOT QUALIFIED, CONTACT A QUALIFIED ELECTRICIAN.
- BE CERTAIN ELECTRICAL POWER IS OFF BEFORE AND DURING INSTALLATION AND MAINTENANCE.
- MAKE SURE THE SUPPLY VOLTAGE IS THE SAME AS THE FIXTURE'S RATED VOLTAGE.
- TO PREVENT WIRING DAMAGE OR ABRASION, DO NOT EXPOSE WIRING TO EDGES OF SHEET METAL OR SHARP OBJECTS. SUITABLE FOR DAMP LOCATIONS.

The IND-EMG-RBP-120V-150W-12V-N3R from Larson Electronics is an Emergency Battery Pack that works in conjunction with a LED fixture to create an emergency lighting system. This battery pack has a 150-watt capacity. It allows the connected fixture(s) to be on, off, switched or dimmed without affecting emergency operation. Each unit consists of a high-temperature nickel-cadmium battery, charger, and electronic circuitry in one steel case. The battery pack provides power to the input side of the fixture, including the ballast, and can be used with indoor or outdoor emergency fixture applications.

### **Mounting**

Mounting is achieved via surface mounting brackets secured to the back of the unit. Secure unit to a flat, sturdy surface capable of supporting the load. Drive screws through the pre-drilled holes in each mounting bracket and into the desired mounting surface. Mounting hardware is not included, but is available to purchase from Larson Electronics if needed. Be sure unit is mounted near enough to supply power before securing.

### **Power**

**Warning: Be sure power is off at the breaker before installing!**

**Warning: Check product label for correct input voltage!**

**We strongly encourage a licensed electrician install this product!**

Power is brought into the battery pack via available knockouts on the bottom of the unit. Choose the appropriate knockout, use a flathead screwdriver to knock the center plate out and create an opening for cord or conduit. To remove front cover and allow access inside the unit, simply remove the two screws holding the cover on. Complete wiring connections in accordance with the wiring diagram that came with the battery pack. Always follow all applicable local and national electrical and building codes when installing. Replace front cover before energizing.

### **Operation**

The IND-EMG-RBP-120V-150W-12V-N3R is a 120 V to 12 V emergency battery pack. This means that it has an input charge voltage of 120 V AC and an output voltage of 12 V DC. This unit can power 150 watts of lighting for a minimum of 90 minutes. The lower the connected wattage, the longer the emergency battery pack can power the connected lights. For example, it can power 75 watts of lighting for 180 minutes. Upon failure of normal power, the emergency battery pack instantly begins providing emergency power to the connected lighting load. A solid-state low voltage disconnect circuit protects the inverter battery from severe damage by deep discharge during prolonged power failures. When normal power is restored, the IND-EMG-RBP-120V-150W-12V-N3R automatically returns to charge mode. The battery capacity is fully restored in 24 hours. The ballast does not affect normal fixture operation and may be used with a switched or unswitched fixture. It can be installed in close proximity to the fixture or remote from the fixture (up to 250 feet).



## USE AND CARE

Unauthorized modification may impair the function and/or safety of this device and could affect the life of the equipment. Always check for damaged or worn out parts before using the device. Store it in a secure place out of the reach of children when not in use. Inspect for good working condition prior to storage and before re-use.

## REPLACEMENT PARTS

The IND-EMG-RBP-120V-150W-12V-N3R is designed to provide years of reliable performance. Should the need for replacement parts arise, please contact Larson Electronics.

THESE INSTRUCTIONS MAY NOT COVER ALL DETAILS OR VARIATIONS OF THIS PRODUCT FOR YOUR EQUIPMENT OR INSTALLATION REQUIREMENTS. SHOULD FURTHER INFORMATION NOT COVERED BY THESE INSTRUCTIONS BE REQUIRED, PLEASE CONTACT LARSON ELECTRONICS BY EMAIL AT [SALES@LARSONELECTRONICS.COM](mailto:SALES@LARSONELECTRONICS.COM) OR BY PHONE AT 1-877-348-9680 FOR FURTHER ASSISTANCE.

PLEASE VISIT [LARSONELECTRONICS.COM](http://LARSONELECTRONICS.COM) FOR **WARRANTY** AND **RETURN** INFORMATION.