



## **SECTION 26 33 00 - BATTERY EQUIPMENT (INVERTER)**

### **PART 1 - GENERAL**

#### **1.1 SUMMARY**

- A. Section includes emergency power supplies and accessories.

#### **1.2 SUBMITTALS**

- A. Product Data: Submit catalog and data sheets showing electrical characteristics and connection requirements. Include unit ratings, dimensions, and finishes. Include performance data for batteries.

#### **1.2 WARRANTY**

- A. Furnish five year manufacturer warranty for batteries.

### **PART 2 - PRODUCTS**

#### **2.1 EMERGENCY POWER SUPPLY**

- A. Manufacturers:
  - 1. Lithonia.**
  - 2. Chloride.**
  - 3. Dual Lite.**
- B. Product Description: NFPA 111 Type A, Class 1.5 stored emergency power supply system designed for Level 1 applications and consisting of rectifier/charger unit, storage battery, and solid state inverter with static transfer switch, in one or several enclosures, unit suitable for operating HID lamps without extinguishing lamp on transfer.
- C. Input Voltage: As indicated on Drawings.
- D. Output Power: As indicated on Drawings.
- E. Output Voltage: As indicated on Drawings.
- F. Inverter Output Frequency: 60 Hz plus 1 percent.
- G. Efficiency: 90 percent minimum.
- H. Maximum Recharge Time: 12 hours following 1.5 hour discharge.
- I. Total Harmonic Distortion: Less than 10 percent at full resistive load.



- J. Battery: Nickel cadmium sealed type battery.
- K. Charger: Dual rate, designed to maintain battery in full-charge condition during normal conditions.
- L. Furnish remote trouble monitor in enclosure with manufacturer's standard finish.
- M. Accessories: Provisions for remote battery alarm.

### **PART 3 - EXECUTION**

#### **3.1 INSTALLATION**

- A. Install units plumb and level.

#### **3.2 DEMONSTRATION AND TRAINING**

- A. Engage a factory –authorized service representative to train LAWA maintenance personnel to adjust, operate and maintain the units.

END OF SECTION 26 33 00