



Equipment Specification
Document No.: 4650.069
Item No.: 002-82385
Asset Suite: 82385
Originating Department: Distribution Engineering



12 Volts Battery Kit

1. Introduction

This is a general specification that covers the minimum requirements for 12 volts battery pack for line recloser to be used in the distribution system in Puerto Rico. Further information will be provided by LUMA Energy at the time of order placement regarding on site specific conditions, quantity, and other requirements. This document includes the general electrical and mechanical characteristics of the material.

2. Special Requirements

Samples shall be furnished as requested by LUMA Energy. Vendors that have supplied this material to LUMA on previous orders, will not have to furnish samples at bid opening. The material will be received at the LUMA's general warehouse (011) at Palo Seco, Puerto Rico. Shipping will include transportation and unloading at the indicated warehouse.

3. Quantity/Literature

Descriptive and technical literature must be supplied by vendor at time of bidding. This literature may include, but is not limited to details of material, drawings, documented testing, and instructions for use and installation. Failure to submit documents on time will cause bidder disqualification. For products described in this specification as requiring qualification, awards will be made only for such products that, prior to the time for opening of bids, had been tested and/or approved by LUMA. Evidence of PREPA's and/or LUMA Energy's approval of the equipment or material shall be supplied by vendor if requested by LUMA Energy.

4. Markings

- 4.1. Containers shall be marked outside with LUMA Energy's purchase order, item number, name and size, net and gross weight, manufacturer's name, and lot number.
- 4.2. Labels and tags shall be waterproof.

5. Equal or Approved Equal to

Cooper, model KME5-134-1.



Equipment Specification

Document No.: 4650.069

Item No.: 002-82385

Asset Suite: 82385

Originating Department: Distribution Engineering

12 Volts Battery Pack for Line Recloser

6. Packaging

All material and equipment shall be packaged and marked in such a way as to facilitate handling and protection from damage and that the receiving warehouse can readily identify it and send it, in one complete unit, to a field location without opening crates or boxes to sort items and/or parts.

7. Number Per Package (Logistics)

Eighteen (18) per package or as required by LUMA Energy.

8. Acceptance Criteria

- 8.1. Test required: certified by external laboratories.
- 8.2. Shall comply with the latest applicable codes, standards, and other regulations.

9. Description

- 9.1. Kit shall include two batteries (12 volts each).
- 9.2. Minimum capacity per battery: 13 Ah
- 9.3. Battery cell chemistry: Sealed lead acid.
- 9.4. Approximate weight shall be 12 lbs. (5.44 kg).
- 9.5. Approximate dimensions: 7.00 x 3.37 x 5.17 inches (17.78 x 8.56 x 13.13 cm)
- 9.6. Battery terminals shall be M6 insert.
- 9.7. Metric conversions as per ASTM E380.

10. Inspection

The acceptance of any material or equipment shall in no way relieve the vendor from his responsibility to meet all the requirements of this specification, and it would not prevent subsequent rejection if such materials were found later to be defective.



— End of Specification —



Equipment Specification
Document No.: 4650.069
Item No.: 002-82385
Asset Suite: 82385
Originating Department: Distribution Engineering

12 Volts Battery Pack for Line Recloser

Document History

Version	2	
Date	02/17/2022	
Author	Rodolfo A. Flores	
Reviewer	Rafael Torres	
Approver Manager	Ricardo Castro	