**Steps for Battery Cabinet Installation Procedure**

1. To help prevent damage, all panels from all battery cabinets should be labeled to their prospective cabinet, removed, and put aside in a safe location while moving the cabinets to the final install position.

2. Install and align the first cabinet, then each cabinet adjacent to each other. Refer to page 3 for proper line up.

3. Route the power cables as shown on Sheet 4.

4. Install side panel onto the open sides of the battery cabinet. Install the doors and lock when not open for maintenance.

5. The cabinet must be anchored to the floor for seismic sensitive areas, and to maintain the seismic integrity of the battery cabinet. Anchoring hardware is not included. Contact IntraPack to purchase anchoring hardware.

**Important Notes:**
- All battery cabinets should be lifted with a forklift or similar device with appropriate lifting capacity.
- The lifting point is at 3.125" from the floor to the cabinet.
- Only personnel trained to move heavy equipment should handle these battery systems.
- Use caution when handling, avoiding bouncing the cabinet while moving, as it could fall forward or sideways if handled roughly.
- Spread forks as wide as possible when lifting cabinets.
- Do not lift the cabinet higher than necessary to clear the floor when moving.
- Move slowly when handling. Avoid bouncing the cabinet while moving, as it could weigh as much as 9,000 lbs per cabinet or more.
- The center of gravity measurement is 35.450".

**Safety Precautions:**
- Follow all safety precautions when working on this system.
- Always wear proper safety equipment including eye protection.
- High voltage, risk of electrical shock - follow all safety precautions when working on this system.

**Additional Information:**
- System weight: 42,355 lbs
- Quotation No.: IPC20-1034
- Job No.: NA
- Date: 01/20/2021
- N.A.
- D.A.
- Drawing by: VZ
- Scale: N.T.S.
- Approver: N.A.

**Notes:**
- Move slowly when handling. Avoid bouncing the cabinet while moving.
- The cabinet could fall forward or sideways if handled roughly.
- Spread forks as wide as possible when lifting cabinets.
- Do not lift the cabinet higher than necessary to clear the floor when moving.

**Abbreviations:**
- MEGAFLEX UPS BATTERY SKU: MGD1500-7-49-ALT
- IP5-280P545-480-7-7D600-AR-JC
- ADJACENT REMOTE TOP TERMINAL BATTERY CABINET SYSTEM
- 10650 MARKISON ROAD
  DALLAS, TX. 75238
  PHONE: 214-348-7105
  EMAIL: SALES@INTRAPACK.COM

**Company Information:**
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POSITIONING OF COMPONENTS ARE FOR ILLUSTRATION PURPOSES AND MAY NOT BE REPRESENTED IN THE EXACT LOCATION INDICATED.

GENERAL NOTES:
1. ONLY QUALIFIED TECHNICIANS SHOULD PERFORM INSTALLATION OR MAINTENANCE OF THIS BATTERY SYSTEM.
2. ALL TOOLS SHOULD BE INSULATED TO PREVENT ELECTRICAL SHOCK.
3. OPEN DISCONNECTS BEFORE INSTALLATION OR MAINTENANCE.
4. CHECK DC VOLTAGE AT BATTERY OUTPUT AND UPS OUTPUT TO ENSURE PROPER POLARITY BEFORE MAKING FINAL CONNECTIONS.

CAUTION: HIGH VOLTAGE, RISK OF ELECTRICAL SHOCK
- FOLLOW ALL SAFETY PRECAUTIONS WHEN WORKING ON THIS SYSTEM
- ALWAYS WEAR PROPER SAFETY EQUIPMENT INCLUDING EYE PROTECTION

**PLEASE NOTE THAT THE BUSS BARS ARE SHOWN APART FOR CLARITY ONLY, BUSS BARS ARE IN LINE WITH ONE ANOTHER AND RUN FROM THE FRONT TO THE BACK OF THE CJC**

**FLAT BRAID STRAP**

**GROUND BUS**

**+POSITIVE BUS**

**-NEGATIVE BUS**

**GROUND OUTPUT**

**+POS OUTPUT**

**-NEG OUTPUT**

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ADJACENT REMOTE TOP TERMINAL BATTERY CABINET SYSTEM

SYSTEM WEIGHT: 42,355 lbs

MEGAFLEX UPS BATTERY SKU
MGD1500-7-49-ALT

PPP-280P545-480-7.7D600-AR-JC

N.T.S.

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ADJACENT BATTERY CABINET SYSTEM:
All cable harnesses are provided in both the battery cabinet to battery cabinet connection including the battery cabinet cable harness to the UPS.

ADJACENT REMOTE BATTERY CABINET SYSTEM:
All cable harnesses from battery cabinet to battery cabinet will be provided. The battery cabinet to UPS cable harness will be provided by the installing contractor.

REMOTE BATTERY CABINET SYSTEM:
All cable harnesses from battery cabinet to battery cabinet and battery cabinet to UPS will be provided by the installing contractor.

NOTE
All control connections are made by onsite installation contractor (typical).

CONTROL WIRING ROUTING

TERMINALS OPTIONAL. ONLY NEEDED IF REQUIRED BY UPS

RECOMMEND Belden wire harness part number B-58202E-8-U1000

DETAIL A - CABLE HARNESS (S002910)
Inside cabinet provided with battery system

SYSTEM WEIGHT: 42,355 lbs

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