**CAUTION:**

HIGH CENTER OF GRAVITY - USE CAUTION WHEN MOVING CABINET

ONLY PERSONNEL TRAINED TO MOVE HEAVY EQUIPMENT SHOULD HANDLE THESE BATTERY SYSTEMS.

USE A FORKLIFT OR SIMILAR DEVICE WITH APPROPRIATE LIFTING CAPACITY TO LIFT THE CABINET.

NOTE THE CENTER OF GRAVITY MEASUREMENT

**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 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.


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

**CAUTION: HIGH VOLTAGE, RISK OF ELECTRICAL SHOCK**

- FOLLOW ALL SAFETY PRECAUTIONS WHEN WORKING ON THIS SYSTEM
- ALWAYS WEAR PROPER SAFETY EQUIPMENT INCLUDING EYE PROTECTION

**MOVING A BATTERY CABINET**

DO NOT LIFT THE CABINET HIGHER THAN NECESSARY TO CLEAR THE FLOOR WHEN MOVING

SPREAD FORKS AS WIDE AS POSSIBLE WHEN LIFTING CABINETS.

TILT FORKS BACK WHEN MOVING THE CABINET TO HELP STABILIZE THE CENTER OF GRAVITY.
CAUTION: HIGH VOLTAGE, RISK OF ELECTRICAL SHOCK

- FOLLOW ALL SAFETY PRECAUTIONS WHEN WORKING ON THIS SYSTEM
- ALWAYS WEAR PROPER SAFETY EQUIPMENT INCLUDING EYE PROTECTION
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

DC POWER CABLES FROM CJC TO THE UPS PROVIDED BY OTHERS.

ELECTRICAL ILLUSTRATION

GROUND BUS

FLAT BRAID STRAP

POSITIVE BUS

NEGATIVE BUS

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

MEGAFLEX UPS BATTERY SKU MGD1200-7-49-ALT

ADJACENT REMOTE TOP TERMINAL BATTERY CABINET SYSTEM

SYSTEM WEIGHT: 42,355 lbs

PRESSURE: 49 psi

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DC POWER CABLES FROM CJC TO THE UPS PROVIDED BY OTHERS.
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).

#6-40 PAN HEAD SCREW
#18 AWG LUG, RING
JUMPER (2 TERMINALS)

#18 AWG LUG, RING
#18 AWG CU LEADS (TYPICAL)

CONTROL WIRE CABLE HARNESS

RECOMMEND BE LDEN WIRE HARNESS PART NUMBER B-5202FE-8-L/1000

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

CONTROL WIRING ROUTING

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

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MEGAFLEX UPS BATTERY SKU
MGD1200-7-49-ALT

ADJACENT REMOTE TOP TERMINAL BATTERY CABINET SYSTEM

SYSTEM WEIGHT: 42,355 lbs

JOB NO. N/A DATE: 01/20/2021
QUOTE NO. IPC20-1032 DRAWN BY: VZ
DRAWING NO. IPS-280PS45-480-7-7D500-AR-JC

SCALE: N.T.S. APPR. BY: 6 OF 6