SPREAD FORKS AS WIDE AS POSSIBLE WHEN LIFTING CABINETS.

MOVING A BATTERY CABINET

NOTE:
FROM FLOOR TO CABINET LIFTING POINT IS 3.691”

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. THE BATTERY CABINETS CAN BE BOLTED TOGETHER. 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

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ISOMETRIC BATTERY CABINET VIEW

CABINET A
CABINET B
CABINET C & JC
CABINET D
CABINET E
CABINET F

MEGAFLEX UPS BATTERY SKU
MGG1600-6-58-ALT

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FRONT VIEW

BOTTOM VIEW

TOP VIEW

SIDE VIEW

CABINET A
CABINET B
CABINET C
CABINET D
CABINET E
CABINET F

REMOVE BATTERY CABINET TOP TO ACCESS CABLE TRAY

BREAKER ACCESSIBLE THROUGH THE DOOR (TYP)

38.17"
82.00"
20.00"
44.88"
ENSURE PROPER POLARITY BEFORE MAKING FINAL CHECK DC VOLTAGE AT BATTERY OUTPUT AND UPS OUTPUT TO ENSURE PROPER POLARITY BEFORE MAKING FINAL CONNECTIONS.

- OPEN DISCONNECTS BEFORE INSTALLATION OR MAINTENANCE.
- ALL TOOLS SHOULD BE INSULATED TO PREVENT ELECTRICAL SHOCK.
- FOLLOW ALL SAFETY PRECAUTIONS WHEN WORKING ON THIS SYSTEM.
- ALWAYS WEAR PROPER SAFETY EQUIPMENT INCLUDING EYE PROTECTION.

- BRAIDED STRAP BUS BARS CAN BE SHIPPED CONNECTED OR DISCONNECTED.
- SOLID COPPER BUS BARS ARE SHIPPED DISCONNECTED ONLY.

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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.

CONTROL WIRING ROUTING
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 BELDEN WIRE HARNESS PART NUMBER B-5302FE-8-U1000

TERMINALS OPTIONAL, ONLY NEEDED IF REQUIRED BY UPS

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

MEGAFLEX UPS BATTERY SKU
MGG1600-6-58-ALT