**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. 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**

**NOTE:**

FROM FLOOR TO CABINET
LIFTING POINT IS 3.691"

SPREAD FORKS AS WIDE AS POSSIBLE WHEN LIFTING CABINETS.

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

> IMPORTANT <

* REVIEW THE DRAWINGS AND READ ALL INFORMATION BEFORE PROCEEDING WITH MOVING AND INSTALLING THESE BATTERY CABINETS*
CAUTION: HIGH VOLTAGE, RISK OF ELECTRICAL SHOCK

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

FRONT VIEW

BOTTOM VIEW

TOP VIEW

SIDE VIEW

BREAKER ACCESSIBLE THROUGH THE DOOR (TYP)

REMOVE BATTERY CABINET TOP TO ACCESS CABLE TRAY

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

MEGAFLEX UPS BATTERY SKU
MGG1200-6-58-ALT

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ADJACENT REMOTE FRONT TERMINAL BATTERY CABINET SYSTEM

MEGAFLEX UPS BATTERY SKU
MCG1200-6-58-ALT

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

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

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DC POWER CABLES FROM JC TO THE UPS PROVIDED BY OTHERS. REFER TO NEC FOR PROPER AWG SIZE
TERMINAL BLOCK TO TERMINAL BLOCK AND TERMINAL BLOCK TO UPS CONTROL WIRING WILL BE 16-20 GA STRANDED, PROVIDED BY OTHERS

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

ALWAYS WEAR PROPER SAFETY EQUIPMENT INCLUDING EYE PROTECTION

ENSURE PROPER POLARITY BEFORE MAKING FINAL CONNECTIONS.

CONNECTIONS.

DC POWER CABLES FROM JC TO THE UPS PROVIDED BY OTHERS. REFER TO NEC FOR PROPER AWG SIZE
TERMINAL BLOCK TO TERMINAL BLOCK AND TERMINAL BLOCK TO UPS CONTROL WIRING WILL BE 16-20 GA STRANDED, 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.

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)
- BLACK
- WHITE
- GREEN
- RED
- N.C.
- COMMON
- N.O.
- -48 VDC SHUNT
- +48 VDC SHUNT

LEFT SIDE VIEW

TOP VIEW

END VIEW

SEE DETAIL A - CABLE HARNESS
ONE HARNESS PER CABINET
PART # S002910 (TYP)

RECOMMEND BELDEN WIRE
HARNESS PART NUMBER
B-5302FE-8-U1000

TERMINALS OPTIONAL. ONLY
NEEDED IF REQUIRED BY UPS

CONTROL WIRE CONNECTIONS
CABINET A

CONTROL WIRE CONNECTIONS
CABINET B

CONTROL WIRE CONNECTIONS
CABINET C

CONTROL WIRE CONNECTIONS
CABINET D

CONTROL WIRE CONNECTIONS
CABINET E

CONTROL WIRE CONNECTIONS
CABINET F

CABLE AND CONNECTIONS FROM LAST
BATTERY CABINET TO UPS PROVIDED
BY THE INSTALLING CONTRACTOR.

TO UPS

CABLE HARNESS (S002910)
INSIDE CABINET PROVIDED
WITH BATTERY SYSTEM

SEE DETAIL A
PRE-ASSEMBLED SIDE FROM
CIRCUIT BREAKER

SEE DETAIL A
PRE-ASSEMBLED SIDE FROM
CIRCUIT BREAKER

SEE DETAIL A
PRE-ASSEMBLED SIDE FROM
CIRCUIT BREAKER

SEE DETAIL A
PRE-ASSEMBLED SIDE FROM
CIRCUIT BREAKER

SEE DETAIL A
PRE-ASSEMBLED SIDE FROM
CIRCUIT BREAKER

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