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

CAUTION: HIGH CENTER OF GRAVITY - USE CAUTION WHEN MOVING CABINET

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.

TILT FORKS BACK WHEN MOVING THE CABINET TO HELP STABILIZE THE CENTER OF GRAVITY.

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

CABINET A
CABINET B
CABINET C
CABINET D
CABINET E

38.17"
25.12"
35.49"
24.40"

MEGAFLEX UPS BATTERY SKU
MGG1000-5-58-ALT

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DASHED LINES INDICATE CUSTOMER PROVIDED CABLES
-NEG BREAKER OUTPUT TO -NEG JC BUS
SEE BREAKER INFORMATION DATA SHEET FOR PROPER TORQUE AND WIRE SIZE
BREAKER / CABLE CONNECTIONS
BAT. #30 NEG TO BREAKER TERM. T3
BAT. #15 NEG TO BREAKER TERM. T2
BAT. #1 POS TO BREAKER TERM. T1

BATTERY #15 NEG TO BREAKER TERM. T2
BATTERY #1 POS TO BREAKER TERM. T1
BATTERY #16 POS TO BREAKER TERM. T5

+POS BREAKER OUTPUT TO +POS JC BUS

BUSS BAR DETAIL 'B'
TAB WASHER
FLAT WASHER, SST
LOCK WASHER, SST
HEX NUT, SST

BUSS BAR DETAIL 'A'
TAB WASHER
FLAT WASHER, SST
LOCK WASHER, SST
HEX NUT, SST

BUSS BAR DETAIL 'C'
TAB WASHER
FLAT WASHER, SST
LOCK WASHER, SST
TAB WASHER
HEX NUT, SST
LOCK WASHER, SST
TAB WASHER

**APPLIES TO +POSITIVE TERMINAL ON BATTERIES 1, 4, 7, 10, 13, 16, 22, 25 & 28 ONLY

**APPLIES TO -NEGATIVE TERMINAL ON BATTERIES 3, 6, 9, 12, 15, 18, 21, 24, & 27 ONLY

MANUFACTURERS WEB SITE:

Megaflex UPS Battery SKU: MGG1000-5-58-ALT
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).

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

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