

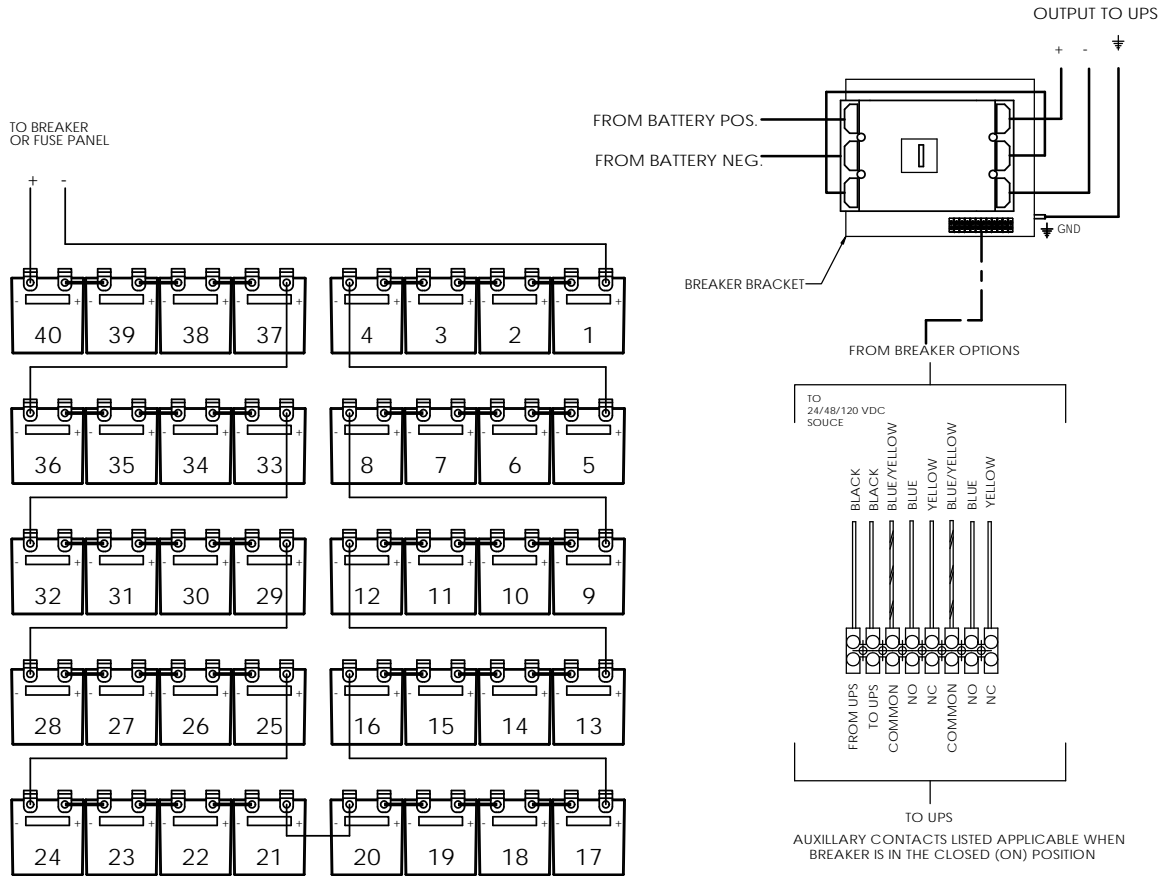
CABINET NOTES:

1. NEMA 1 DESIGN.
2. EMPTY CABINET WEIGHT 1040 LBS (427.7 KG) TOTAL, 2 CABINETS FOR 480V STRING
3. UL 1778 LISTED AND FULLY TESTED AT THE FACTORY PRIOR TO SHIPPING.
4. FULLY WELDED FRAME, MANUFACTURED FROM HEAVY GAUGE STEEL.
5. POWDER COATED WITH A CORROSION RESISTANT, EPOXY HYBRID POWDER USING A FIVE STAGE EMERSION PRETREATMENT PROCESS.
6. BATTERIES CAN BE ACCESSED FROM FRONT, REAR, AND BOTH SIDES.
7. CUSTOM DESIGNED PALLETS FOR SHIPPING ANYWHERE LOCALLY AND GLOBALLY (UPON REQUEST).
8. BATTERY CABINET CAN BE MOVED WITH A NORMAL PALLET JACK FROM FRONT AND REAR.
9. STANDARD AND CUSTOM SPILL CONTAINMENT OPTIONS ARE AVAILABLE.

PROPRIETARY AND CONFIDENTIAL
SEE REVISIONS CONTAINED IN THIS
DRAWING OR THE DATA PROPERTY OF
ELECTRONIC SYSTEMS SUPPORT, AN UNLISTED
SUBSIDIARY OF ELECTRONIC SYSTEMS SUPPORT
ELECTRONIC SYSTEMS SUPPORT IS
REGISTERED.

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONS: MACH 1/8, 3/16, 1/2 TWO PLACE DECIMAL: .01 THREE PLACE DECIMAL: .001		ELECTRONIC SYSTEMS SUPPORT 888-475-9292 www.ess.io		3233 W. Kingsley Rd Ste. 200 Garland, Texas 75041 PH: 972-252-2448 FAX: 972-252-9544	
DESIGNER	DATE	ISSUED	REV	TITLE	
PROJECT	2/23/12	ISSUED		BATTERY CABINET, 12V FT	
SEE NOTE 1		ISSUED		SIZE	REV
SEE NOTE 2		ISSUED		D	B
SCALE: 1:12		ISSUED		WEIGHT:	SHEET 1 OF 2

BREAKER DETAIL



BATTERY CABINET PART NUMBER GUIDE			
CABINET PART NUMBER		DESCRIPTION	
EFC53	E	A	
BASE PART NUMBER			
CABINET HEIGHT			
CABINET COLOR			

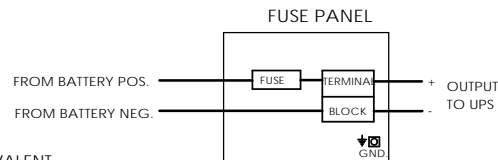
BATTERY CONFIGURATION TABLE					
BATTERY MODEL NUMBER	BATTERY MANUFACTURER				MAXIMUM NUMBER OF BATTERIES PER STRING (2 CABINETS)
	ENERSYS	C & D	EAST PENN	INTERSTATE	
12HX680	UPS12-745MRF	4DHR6500	12MI4500F		40

HEIGHT LEGEND	
HEIGHT (INCHES)	AVAILABILITY
A = 84.00	N/A
B = 82.00	N/A
C = 80.00	N/A
D = 79.00	N/A
**E = 78.7	IN STOCK
F = 78.4	N/A
G = 78.0	N/A
H = 77.3	N/A
J = 76.8	N/A
K = 75.3	N/A
L = 75.0	N/A
M = 74.8	N/A
N = 73.5	N/A
P = 72.0	N/A
Q = 71.7	N/A
R = 70.9	N/A
S = TBD	N/A
T = TBD	N/A

** 78.7 IS THE STANDARD HEIGHT FOR THE EFC53 CABINETS. OTHER HEIGHTS ARE NOT AVAILABLE** PLEASE CONSULT WITH SALES STAFF FOR FURTHER INFO.

COLOR LEGEND
**A = BLACK
B = BEIGE
C = LIEBERT GRAY
D = MITSUBISHI BEIGE
E = MGE WHITE
F = TOSHIBA BLACK
G = GE WHITE
H = LIEBERT BLACK
J = EATON BLACK
K = TBD
BLACK IS ESS STANDARD COLOR AND WILL BE IN STOCK
LETTERS STATING "TBD" ARE OPEN FOR CUSTOM COLORS NOT LISTED. PLEASE CONSULT WITH SALES STAFF FOR FURTHER INFO.

FUSE OPTION



ELECTRICAL NOTES:

- ALL CABLES ARE UL LISTED.
- ALL BREAKERS ARE UL RECOGNIZED.
- ALL FUSES ARE UL RECOGNIZED, TYPE A50P, A70P OR EQUIVALENT. (FUSED CABINETS ARE NOT LISTED IN UL FILE). ALWAYS REPLACE WITH SAME TYPE OR ITS EQUIVALENT.
- TERMINAL BLOCKS ARE UL RECOGNIZED, 600V RATED.
- CABINETS ARE SHIPPED WITH THE BREAKER IN THE TRIPPED POSITION.
- CABINET GROUND CONNECTION IS A 5/16-18 THREADED STUD.
- CABLES BETWEEN BATTERY CABINET TO UNINTERRUPTIBLE POWER SUPPLY ARE OPTIONAL.

PART NUMBER GUIDE:

- REFERENCE THE BATTERY PART NUMBER GUIDE TABLE WHEN ORDERING A CABINET.
- THE BASE NUMBER WILL ALWAYS BE THE SAME. HOWEVER, 2 ALPHA DIGITS WILL FOLLOW THE BASE NUMBER INDICATING THE HEIGHT AND COLOR OF THE CABINET.
- REFERENCE THE "HEIGHT LEGEND" TABLE AND THE "COLOR LEGEND" TABLE IN ORDER TO DETERMINE THE 2 ALPHA DIGITS NEEDED TO COMPLETE YOUR ORDER.
- EXAMPLE: EFC53EA - THIS REPRESENTS A STANDARD EFC53 CABINET, 78.7 INCH HEIGHT WITH A POWDER COAT FINISH OF STANDARD BLACK.
- THE EFC53 CABINET IS NOT AVAILABLE IN OTHER HEIGHTS OTHER THAN 78.7 INCHES.

UNLESS OTHERWISE SPECIFIED		ELECTRONIC SYSTEM SUPPORT		3233 W. Kingsley Rd. Ste. 200 Caldwell, Texas 75041 PH: 972-372-2444 FAX: 972-372-9844	
DESIGNER	DATE	ISSUE	DATE	TITLE	REV
DESIGNED BY	2/23/12	ISSUED BY		BATTERY CABINET, 12V FT 4D BATTERY, 5.162/4 WIDE	B
DESIGNED BY		ISSUED BY		SIZE	DWG. NO.
DESIGNED BY		ISSUED BY		SCALE	EFC53-SPEC
DESIGNED BY		ISSUED BY		SCALE	1:12
DESIGNED BY		ISSUED BY		WEIGHT	
DESIGNED BY		ISSUED BY		SHEET	2 OF 2