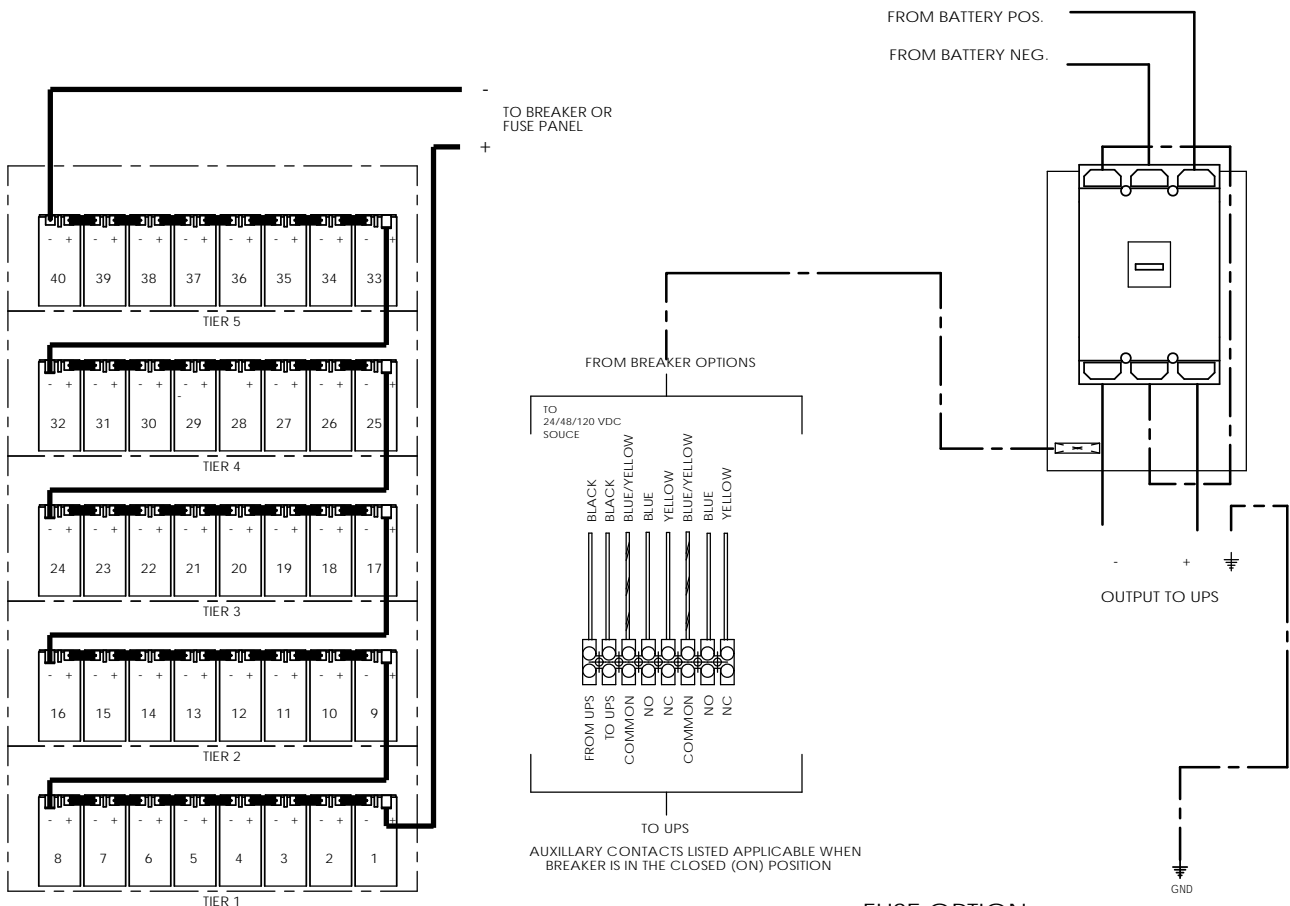


**CABINET NOTES:**

1. NEMA 1 DESIGN
2. EMPTY CABINET WEIGHT: 875 LBS. (397 KG)
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.

UNLESS OTHERWISE SPECIFIED		ELECTRONIC SYSTEM SUPPORT		3233 W. Kingsley Rd. Ste. 200 Cedarvale, Texas 75041 Ph: 972-272-2448 Fax: 972-272-9844	
DESIGNS ARE FINISHED	DATE	ISSUE NO.	REV	TITLE	
THIS DRAWING IS THE PROPERTY OF ELECTRONIC SYSTEM SUPPORT. ANY REPRODUCTION OR TRANSMISSION OF THIS DRAWING WITHOUT THE WRITTEN PERMISSION OF ELECTRONIC SYSTEM SUPPORT IS PROHIBITED.	DATE	ISSUE NO.	REV	12V EFS54 FRONT TERMINAL SIDE BRKR 480V	
PROPRIETARY AND CONFIDENTIAL	DATE	ISSUE NO.	REV	SIZE	DWG. NO.
SEE NOTE 1	DATE	ISSUE NO.	REV	D	EFS54-SPEC
SEE NOTE 2	DATE	ISSUE NO.	REV	SCALE: 1:12	WEIGHT:
USED ON	DATE	ISSUE NO.	REV		SHEET 1 OF 2

## BREAKER DETAIL



BATTERY CABINET PART NUMBER GUIDE		
CABINET PART NUMBER		DESCRIPTION
EF554	M	A
		BASE PART NUMBER
		CABINET HEIGHT
		CABINET COLOR

BATTERY CONFIGURATION TABLE		
BATTERY MANUFACTURER	MAXIMUM NUMBER OF BATTERIES PER CABINET	
EAST PENN		
BATTERY MODEL NUMBER	HR5500ET	40
	HR7500ET	

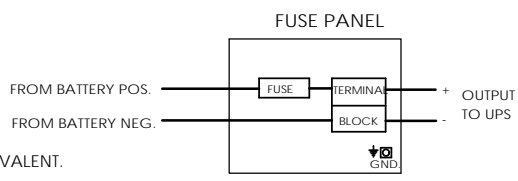
HEIGHT LEGEND	
HEIGHT (INCHES)	AVAILABILITY
A = 84.00	N/A
B = 82.00	N/A
C = 80.00	N/A
D = 79.00	N/A
E = 78.7	N/A
F = 78.4	4-6 WEEKS
G = 78.0	4-6 WEEKS
H = 77.3	4-6 WEEKS
J = 76.8	4-6 WEEKS
K = 75.3	4-6 WEEKS
L = 75.0	4-6 WEEKS
**M = 74.8	IN STOCK
N = 73.5	N/A
P = 72.0	N/A
Q = 71.7	N/A
R = 70.9	N/A
S = TBD	N/A
T = TBD	N/A

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	

\*\* 74.8 IS THE STANDARD HEIGHT FOR THE EF552 CABINETS. SHORTER HEIGHTS ARE NOT AVAILABLE\*\* PLEASE CONSULT WITH SALES STAFF FOR FURTHER INFO.

\*\*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



## 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: EF554MA - THIS REPRESENTS A STANDARD EF554 CABINET, 74.8 INCH HEIGHT WITH A POWDER COAT FINISH OF STANDARD BLACK.
- THE EF554 CABINET IS NOT AVAILABLE IN OTHER HEIGHTS OTHER THAN 74.8 INCHES.

## 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.

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DESCRIPTION	QUANTITY	DATE	REV	TITLE	REV
PRODUCTION		2/17/12		ESS BATTERY CABINET, 12V, EF554, FRONT TERMINAL, SIDE BRK, 480V	
DESIGNED BY				SIZE	DWG. NO.
DATE				D	EF554-SPEC
SCALE	1:1			WEIGHT	
USED ON					SHEET 2 OF 2

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SCALE: 1:1 (WEIGHT)