

SPECIFICATIONS:

Circuit breaker	LV438118, LV438135 or LV438880 (NSX160S DC, 3P)
Maximum configuration	4 hour runtime
Battery Type	Lead-acid
Maximum short circuit level (kA)	10

NOTES:

1. INSTALLATION SHALL COMPLY WITH ALL APPLICABLE NATIONAL, STATE AND LOCAL ELECTRICAL REGULATIONS.
2. REFER TO PRODUCT DOCUMENTATION FOR ADDITIONAL DETAILS PRIOR TO INSTALLATION AND SITE PREPARATION WORK.

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TITLE: EAST UPS 3S
BATTERY BREAKER BOX
ISOMETRIC VIEW

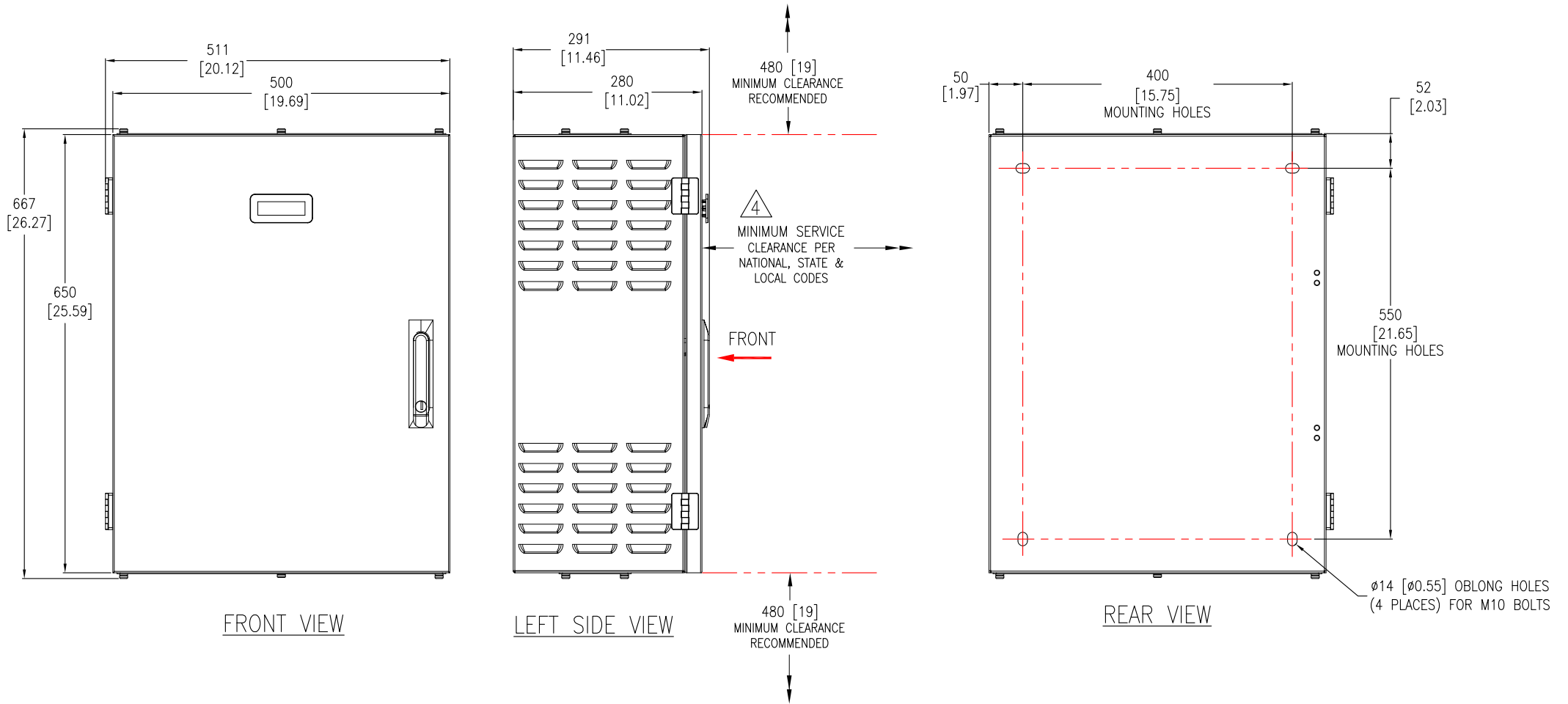
DWG NO: E3SOPT007 REV. 0

DRAWN: JAYAPRAKASH 08-JUN-18 FIRST ANGLE PROJECTION

ENGINEER: COMPBELL BAI 09-AUG-18

PROJECT: SUBMITTAL DRAWINGS SHEET 1 OF 4

APPROVED: FRANK ZHANG 09-AUG-18

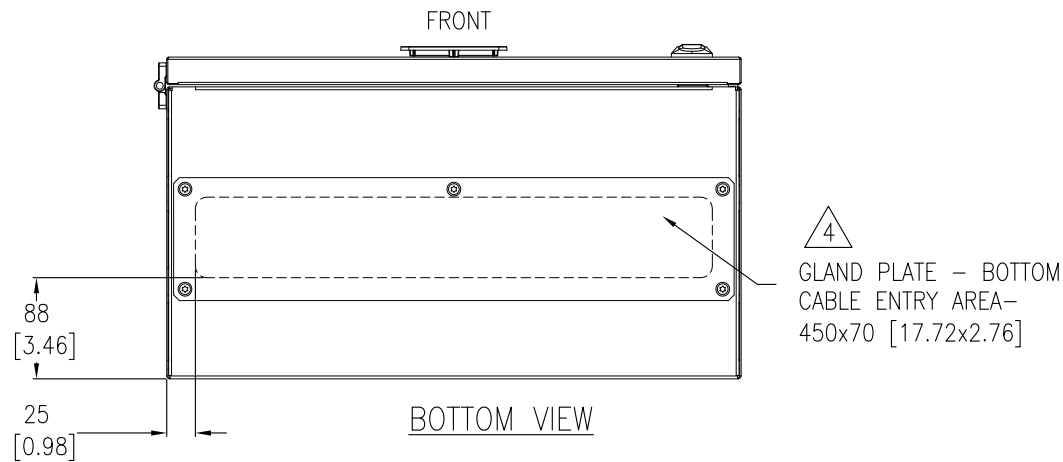
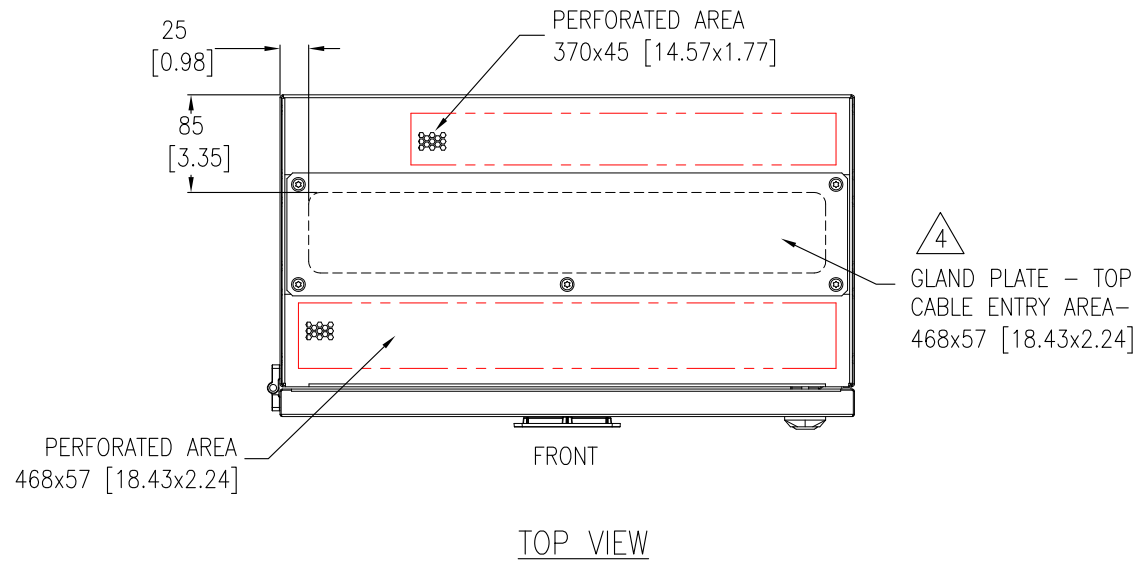


- NOTES:**
1. INSTALLATION SHALL COMPLY WITH ALL APPLICABLE NATIONAL, STATE AND LOCAL ELECTRICAL REGULATIONS.
 2. REFER TO PRODUCT DOCUMENTATION FOR ADDITIONAL DETAILS PRIOR TO INSTALLATION AND SITE PREPARATION WORK.
 3. ALL DIMENSIONS ARE IN MILLIMETERS [INCHES].
 - △ 4. FRONT ACCESS REQUIRED FOR SERVICE.
 5. CONNECT UPS CABLE FROM TOP OR BOTTOM, CONNECT BATTERY CABLE ONLY FROM BOTTOM.
 6. THE WEIGHT OF THE UNIT IS 25 kg [55 lb].
 7. OPERATING TEMPERATURE: 0°C TO 40°C [32°F TO 104°F]
 8. COLOR: RAL 9003 WHITE.
 9. PROTECTION CLASS: IP20.

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TITLE: EAST UPS 3S BATTERY BREAKER BOX GENERAL ARRANGEMENT		DWG NO: E3SOPT007	REV: 0
PROJECT: SUBMITTAL DRAWINGS	SHEET 2 OF 4	DRAWN: JAYAPRAKASH	08-JUN-18
		ENGINEER: COMPBELL BAI	09-AUG-18
		APPROVED: FRANK ZHANG	09-AUG-18
			FIRST ANGLE PROJECTION



NOTES:

1. INSTALLATION SHALL COMPLY WITH ALL APPLICABLE NATIONAL, STATE AND LOCAL ELECTRICAL REGULATIONS.
2. REFER TO PRODUCT DOCUMENTATION FOR ADDITIONAL DETAILS PRIOR TO INSTALLATION AND SITE PREPARATION WORK.
3. ALL DIMENSIONS ARE IN MILLIMETERS [INCHES].
- △ 4. DRILL/PUNCH HOLES IN PLATE. REMOVE PLATE FROM CABINET BEFORE DRILLING/PUNCHING.
USE APPROPRIATE CABLE PROTECTION AROUND HOLE BEFORE CABLING IS INSTALLED.

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TITLE: EAST UPS 3S
BATTERY BREAKER BOX
TOP AND BOTTOM VIEWS

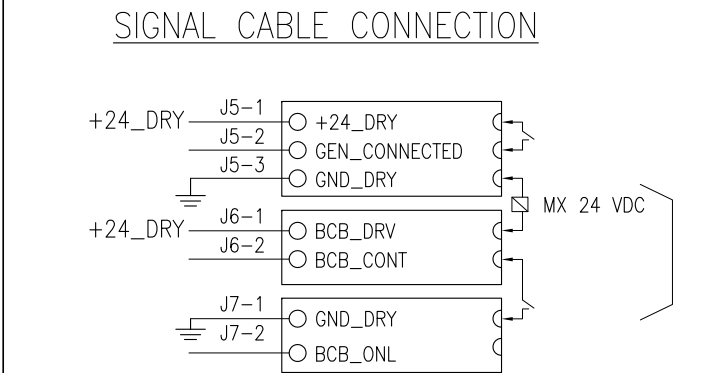
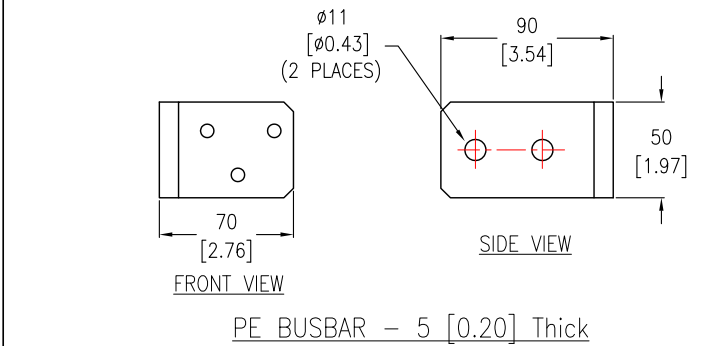
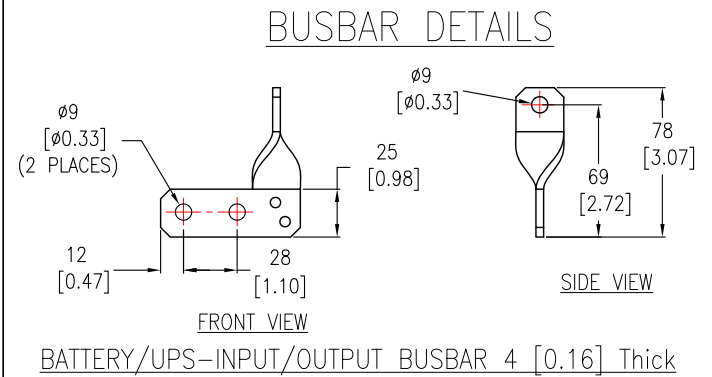
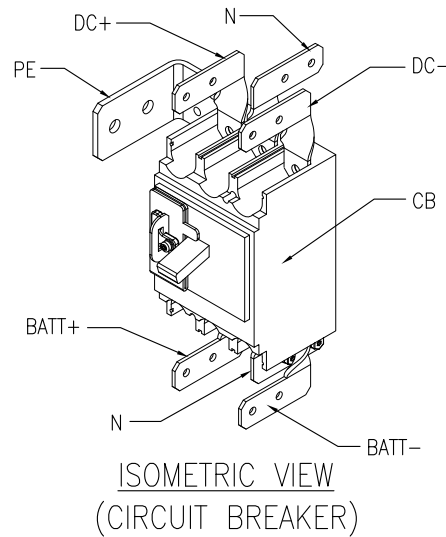
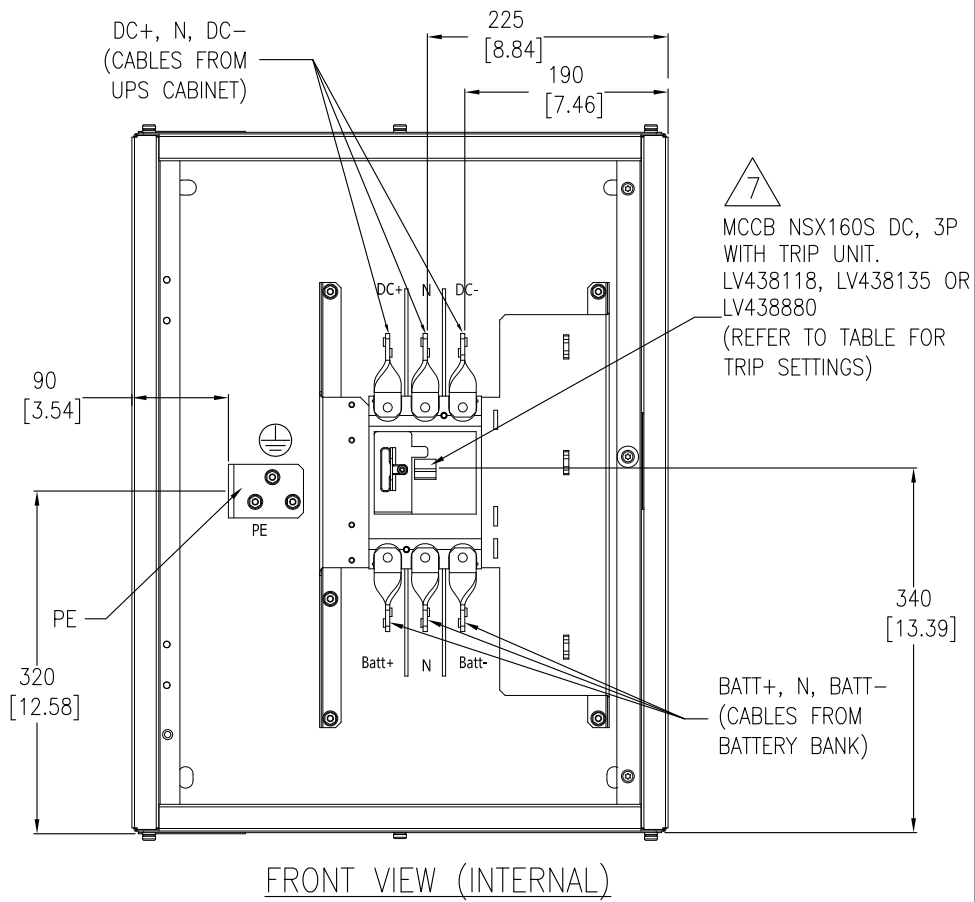
DWG NO: E3SOPT007 REV. 0

DRAWN: JAYAPRAKASH 08-JUN-18 FIRST ANGLE PROJECTION

ENGINEER: COMPBELL BAI 09-AUG-18

PROJECT: SUBMITTAL DRAWINGS SHEET 3 OF 4

APPROVED: FRANK ZHANG 09-AUG-18



UPS Rating (kW)	Trip Setting (A)	
	I _r	I _m
10	112	1250 (fixed)
15	112	
20	112	
30	112	
40	144	

Recommended Cable Sizes		10kW	15kW	20kW	30kW	40kW
Copper/Aluminium	Battery +/- (mm ²)	8mm ²	8mm ²	25mm ²	25mm ²	35mm ²
	Battery PE (mm ²)	6mm ²	6mm ²	10mm ²	16mm ²	16mm ²

NOTES:

- INSTALLATION SHALL COMPLY WITH ALL APPLICABLE NATIONAL, STATE AND LOCAL ELECTRICAL REGULATIONS.
- REFER TO PRODUCT DOCUMENTATION FOR ADDITIONAL DETAILS PRIOR TO INSTALLATION AND SITE PREPARATION WORK.
- ALL DIMENSIONS ARE IN MILLIMETERS [INCHES].
- CABLE SIZES ARE BASED ON TABLE B.52.5 OF IEC 60364-5-52 WITH THE FOLLOWING ASSERTIONS:
 - 90°C CONDUCTORS.
 - AN AMBIENT TEMPERATURE OF 30°C [86°F].
 - USE OF COPPER OR ALUMINIUM CONDUCTORS.
 - INSTALLATION METHOD 'c'
 IF THE AMBIENT TEMPERATURE IS GREATER THAN 30°C [86°F], LARGER CONDUCTORS ARE TO BE SELECTED IN ACCORDANCE WITH THE CORRECTION FACTORS OF THE IEC.
- SOME STRUCTURAL DETAILS HAVE BEEN OMITTED FOR THE PURPOSE OF CLARITY.

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TITLE: EAST UPS 3S BATTERY BREAKER BOX INTERNAL VIEW, BUSBARS & INTERFACE DETAILS	DWG NO: E3SOPT007	REV: 0
PROJECT: SUBMITTAL DRAWINGS SHEET 4 OF 4	DRAWN: JAYAPRAKASH 08-JUN-18	FIRST ANGLE PROJECTION
	ENGINEER: COMPBELL BAI 09-AUG-18	
	APPROVED: FRANK ZHANG 09-AUG-18	