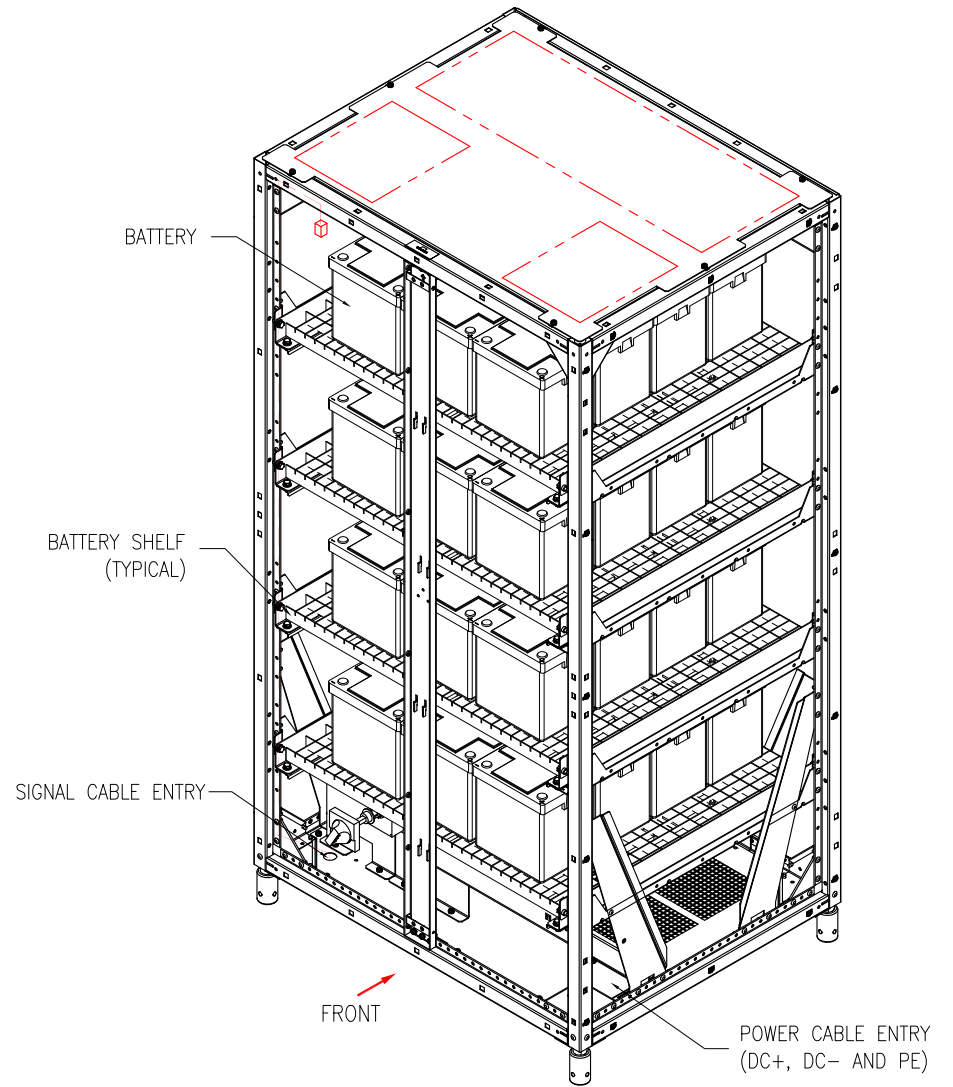


EXTERNAL ISOMETRIC VIEW



INTERNAL ISOMETRIC VIEW  
(FRONT DOORS, SIDE AND REAR COVERS NOT SHOWN)

**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.

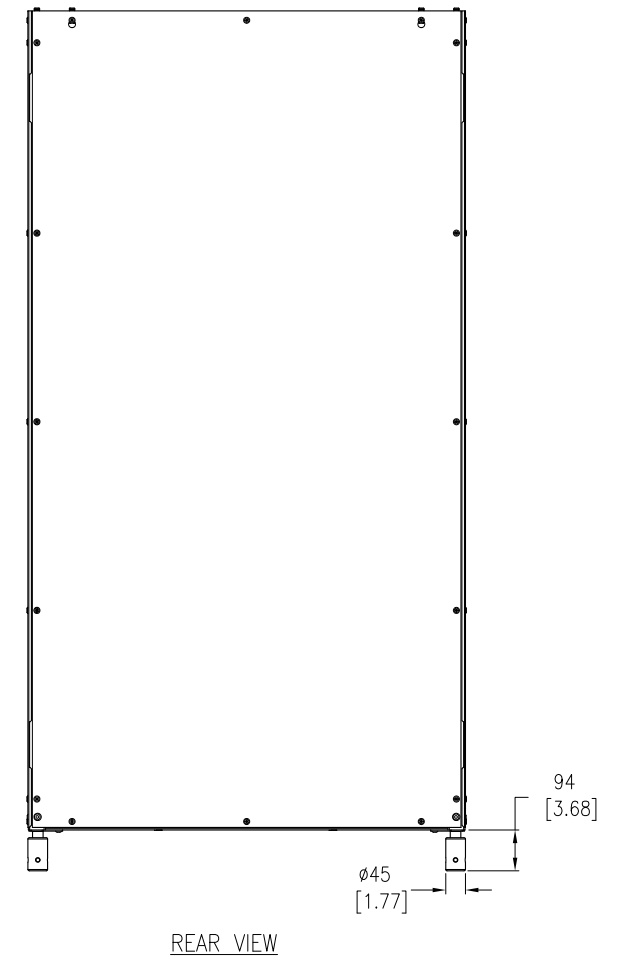
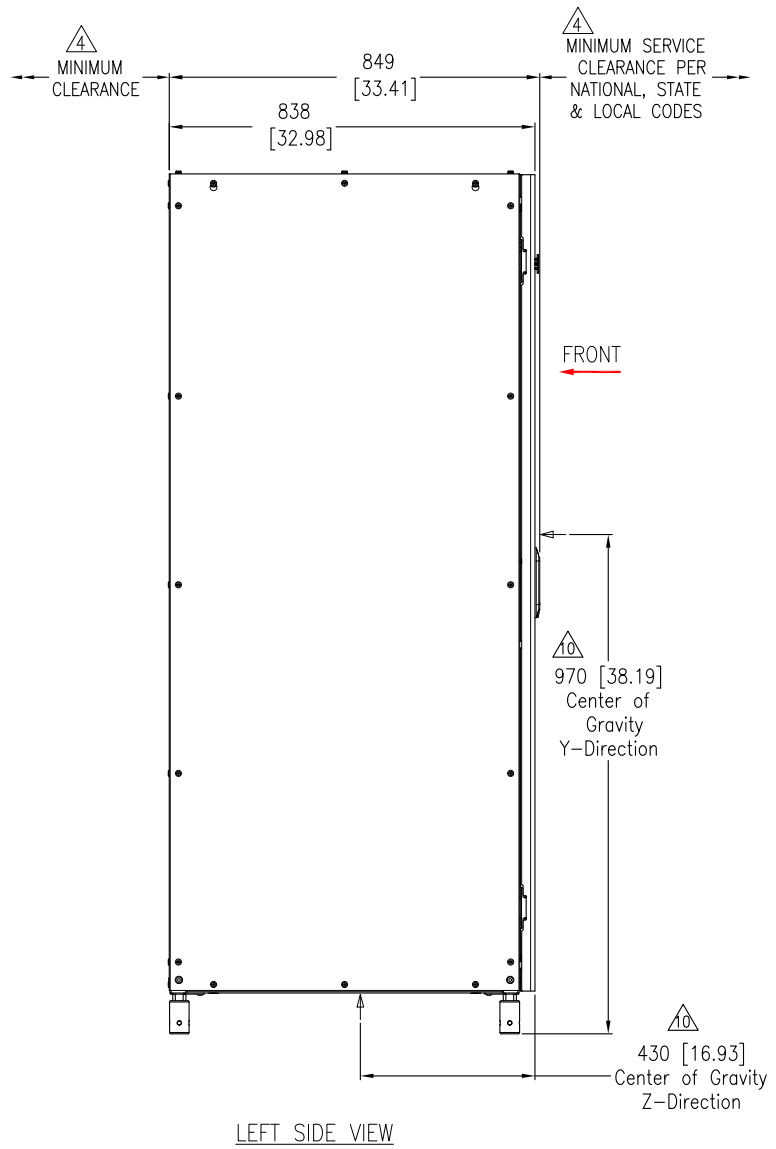
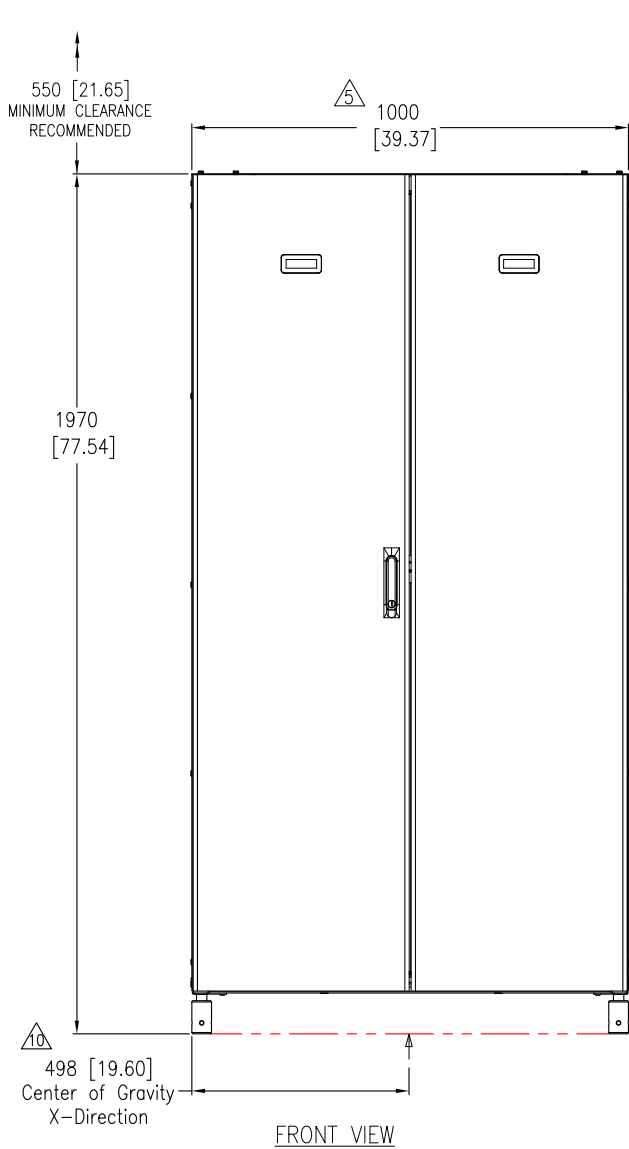
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TITLE:  
GALAXY VS  
CLASSIC BATTERY CABINET - 1000mm, IEC  
WITH BATTERIES, CONFIG.-A  
ISOMETRIC VIEW  
PROJECT: SUBMITTAL DRAWINGS SHEET 1 OF 4

DWG NO: GVSCBC10A  
DRAWN: JAYAPRAKASH 16-JUL-18  
ENGINEER: ALICE 17-JUL-18  
APPROVED: JIACHEN 17-JUL-18

REV. 0  
FIRST ANGLE PROJECTION

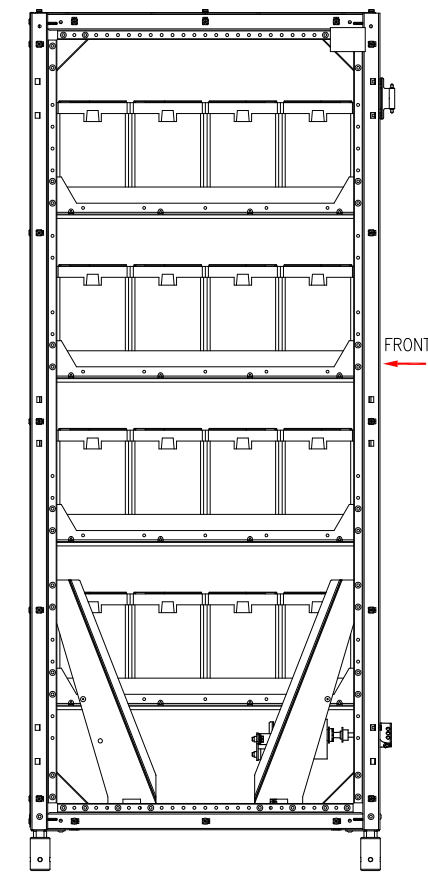
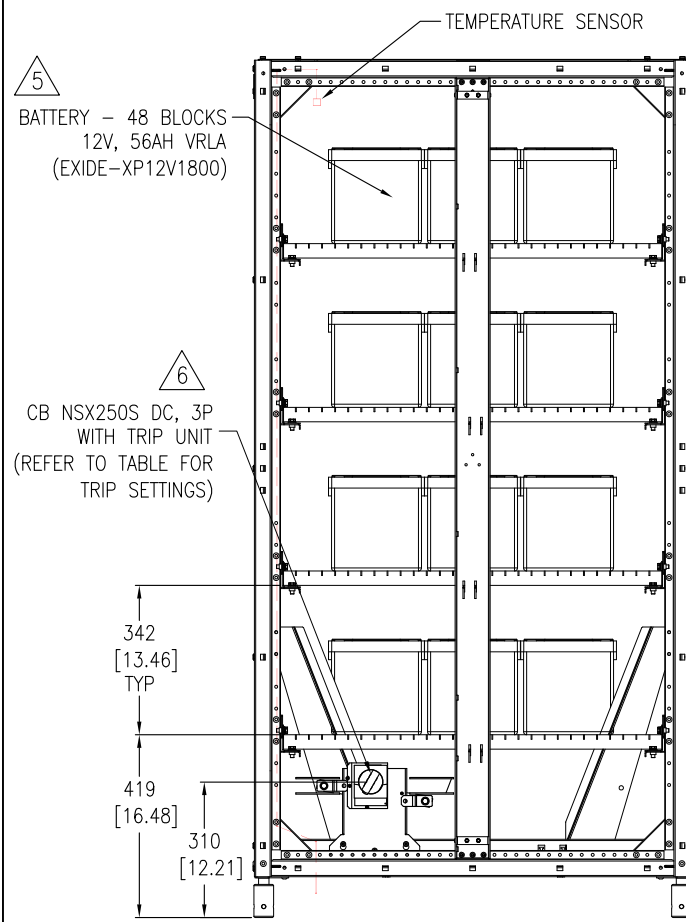
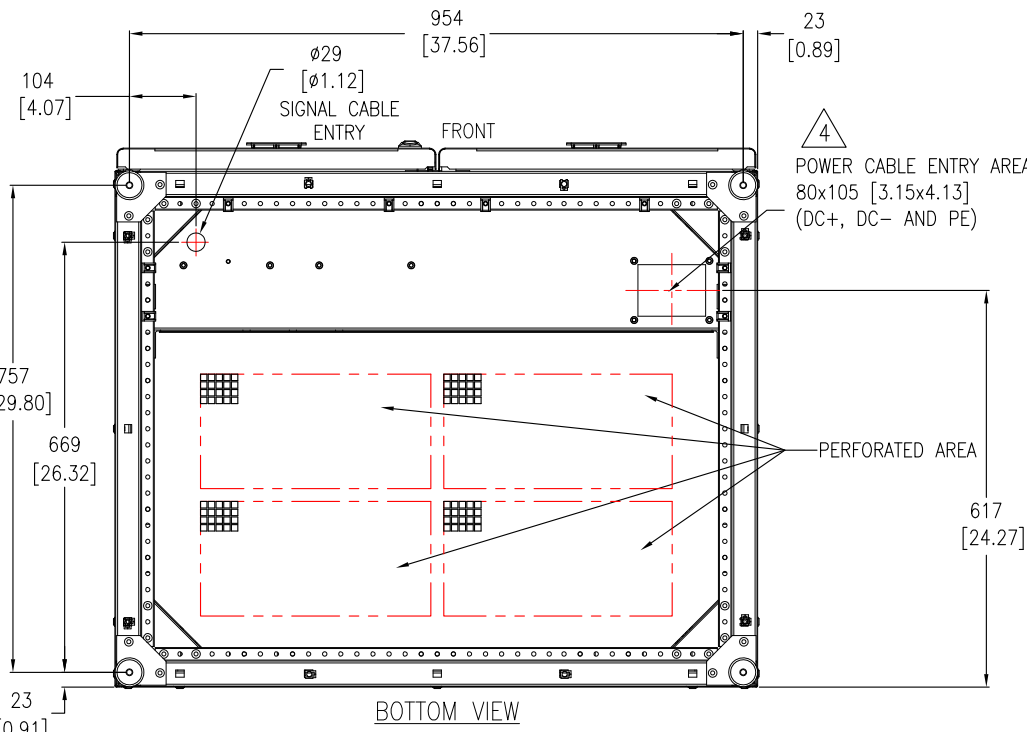
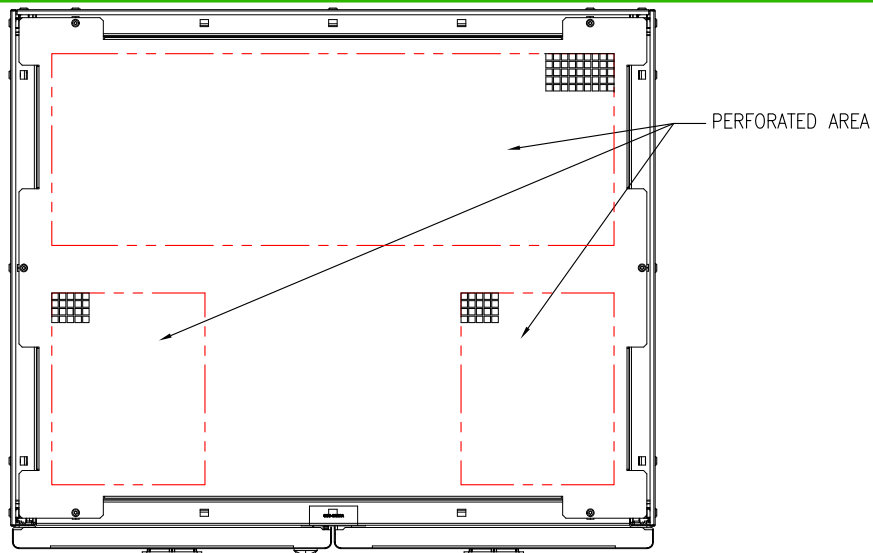


- NOTES:**
1. INSTALLATION SHALL COMPLY WITH ALL APPLICABLE NATIONAL, STATE AND LOCAL ELECTRICAL REGULATIONS.
  2. REFER TO PRODUCT DOCUMENTATION FOR ADDITIONAL DETAILS PRIOR TO INSTALLATION AND SITE PREPARATION WORK.
  3. ALL DIMENSIONS ARE IN MILLIMETERS [INCHES].
  - △4. FRONT ACCESS REQUIRED FOR SERVICE. MINIMUM REQUIRED FRONT CLEARANCE IS 980mm [38.58 Inches], REAR CLEARANCE REQUIRED IS 150mm [5.91 Inches]. BUT IF NEED TO REPLACE THE BATTERY FROM REAR, THE REQUIRED CLEARANCE WILL BE  $\geq 1000$  [39.37]
  - △5. DIMENSION EXCLUDES SKIN AND SCREW PROJECTIONS.
  6. THE WEIGHT OF THE UNIT IS 1280kg [2822 lb].
  7. OPERATING TEMPERATURE: 0°C TO 40°C [32°F TO 104°F]
  8. COLOR: RAL 9003 WHITE.
  9. PROTECTION CLASS - IP20
  - △10. THIS INFORMATION PROVIDES APPROXIMATE CENTER OF GRAVITY CALCULATION.
  11. DOOR SWING: FREELY ROTATES BY 130°.
  12. CABLE ENTRY IS FROM BOTTOM OF THE UNIT.

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TITLE:	GALAXY VS CLASSIC BATTERY CABINET - 1000mm, IEC WITH BATTERIES, CONFIG.-A GENERAL ARRANGEMENT		DWG NO:	GVSCBC10A	REV.	0
PROJECT: SUBMITTAL DRAWINGS	SHEET 2 OF 4	APPROVED:	JAYAPRAKASH	16-JUL-18	FIRST ANGLE PROJECTION	
		ENGINEER:	ALICE	17-JUL-18		
			JIACHEN	17-JUL-18		



6

Voltage (V)	UPS Rating (kVA)	Trip Setting (A)	
		Ir	I <sub>m</sub>
380/400/415	20	175	1250 (fixed)
	30	175	
	40	175	
	50	175	
	60	175	
	80	200	

- 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. CABLE ENTRY IS FROM BOTTOM OF THE UNIT.
  5. BATTERIES SHOWN ARE TYPICAL.

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TITLE: GALAXY VS CLASSIC BATTERY CABINET - 1000mm, IEC WITH BATTERIES, CONFIG-A TOP, BOTTOM AND INTERNAL VIEWS

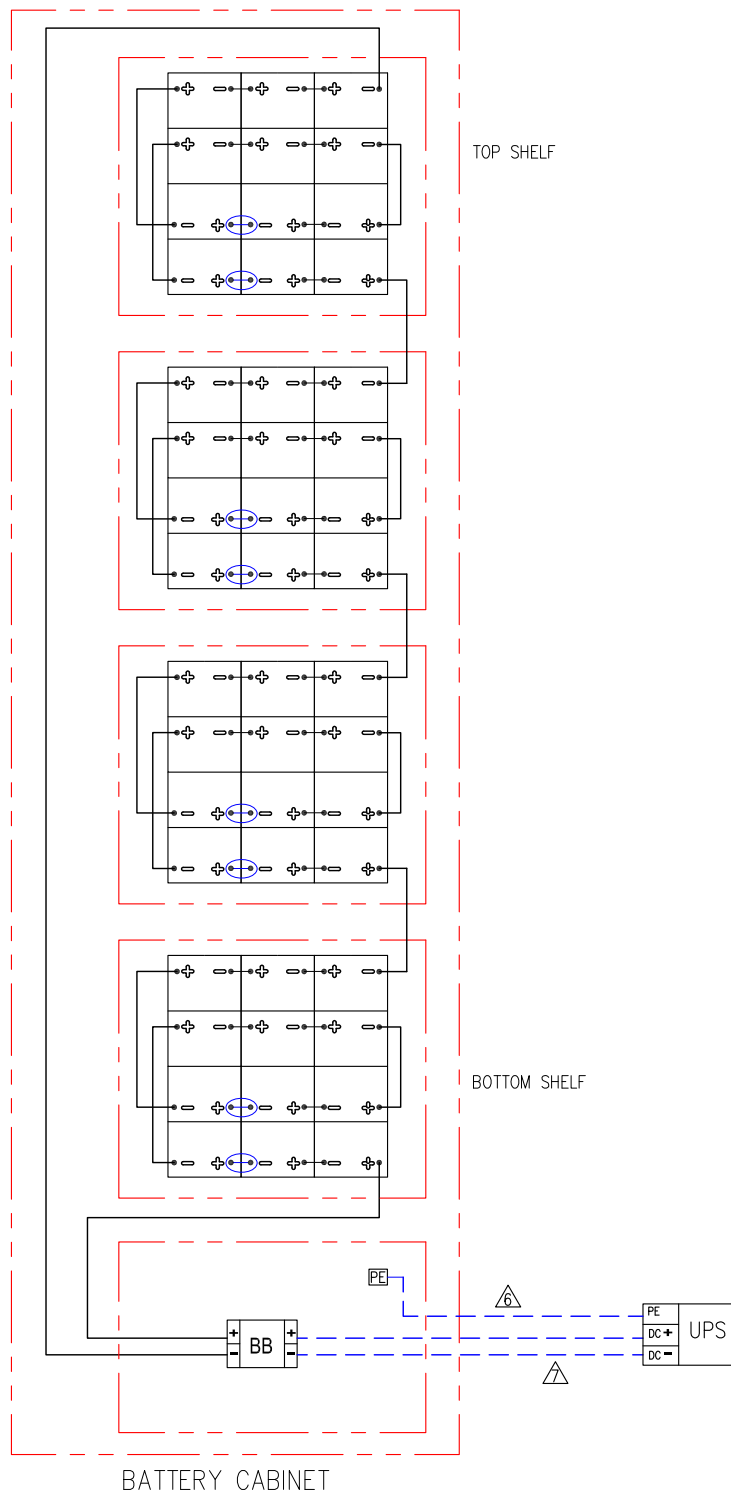
PROJECT: SUBMITTAL DRAWINGS SHEET 3 OF 4

DWG NO: GVSCBC10A REV: 0

DRAWN: JAYAPRAKASH 16-JUL-18 FIRST ANGLE PROJECTION

ENGINEER: ALICE 17-JUL-18

APPROVED: JIACHEN 17-JUL-18



BATTERY RUNTIMES (minutes) at Full Load (calculated)			Classic Battery Cabinets					
			1x GVSCBC10A 1000mm/39" Wide			2x GVSCBC10A 2x 1000mm/39" Wide		
			48 Batteries			48 Batteries		
			Voltage	UPS Rating	UPS SKU	PF 0.8	PF 0.9	PF 1
400V	20kW	GVSUPS20KHS	89.0	77.0	68.0	200.0	175.0	155.0
	30kW	GVSUPS30KHS	54.5	47.0	41.0	125.0	105.0	96.5
	40kW	GVSUPS40KHS	38.0	32.5	28.5	89.0	77.5	68.0
	50kW	GVSUPS50KHS	28.5	24.5	21.0	68.0	59.0	51.5
	60kW	GVSUPS60KHS	22.5	19.0	16.5	54.5	47.0	41.0
	80kW	GVSUPS80KHS	15.0	13.0	11.0	38.0	32.5	28.5
	100kW	GVSUPS100KHS	11.0	9.3	7.9	28.5	24.5	21.0

LEGEND:

- AND HIGHLIGHTED BY ○ CONNECTED ON SITE
- CONNECTED IN FACTORY

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. TORQUE FOR SCREWS TO CONNECT BATTERIES IS 11NM.
4. EARTHING IS ESSENTIAL BEFORE STARTUP.
5. CABLE CONNECTION ON BATTERY TERMINALS MUST BE COVERED WITH PLASTIC CAPS.
- △ 6. THE GROUND CONNECTION TO THE CLASIC BATTERY CABINET MUST BE MADE DIRECTLY FROM THE UPS CABINET.
- △ 7. MAXIMUM ALLOWABLE DISTANCE BETWEEN BATTERY CABINET AND UPS IS 200Meters [656Feet]. FOR CABLE SPECIFICATION, REFER TO INSTALLATION MANUAL.
8. FOR CONTROLL INERFACE DETAILS REFER TO SYSTEM WIRING DIAGRAM.
9. BATTERY TYPE: XP12V1800, 48 BLOCKS.

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TITLE:  
 GALAXY VS  
 CLASSIC BATTERY CABINET - 1000mm, IEC  
 WITH BATTERIES, CONFIG-A  
 CABLING DIAGRAM & RUNTIME DETAILS

DWG NO: GVSCBC10A

REV. 1

DRAWN: JAYAPRAKASH 04-APR-19

ENGINEER: ALICE 04-APR-19

APPROVED: JIACHEN 04-APR-19

PROJECT: SUBMITTAL DRAWINGS SHEET 4 OF 4

ANGLE PROJECTION  
 N.A

BATTERY CABINET