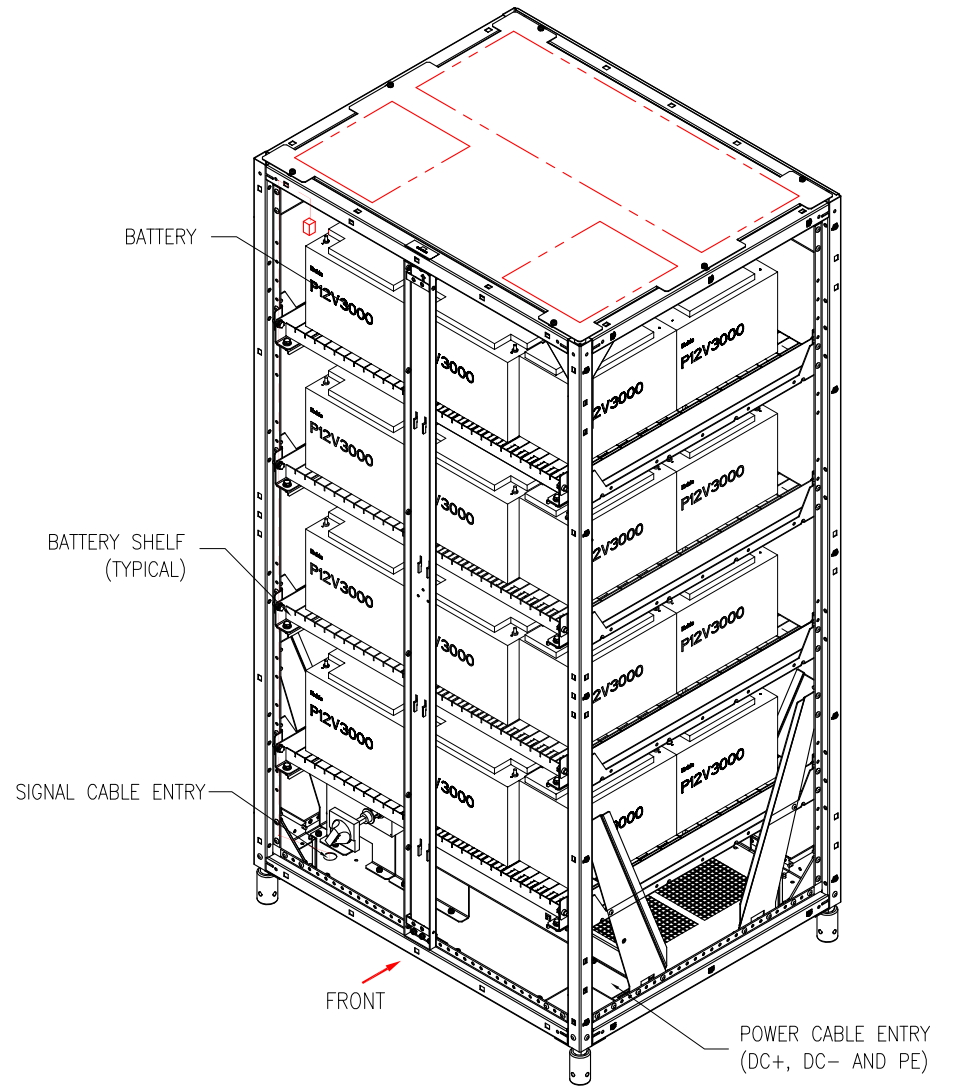


EXTERNAL ISOMETRIC VIEW



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

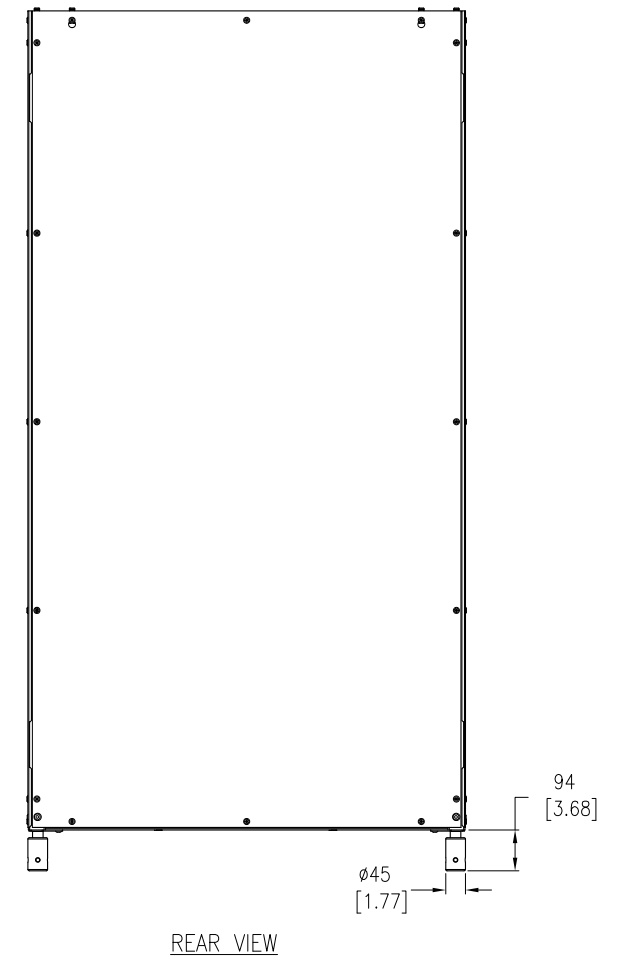
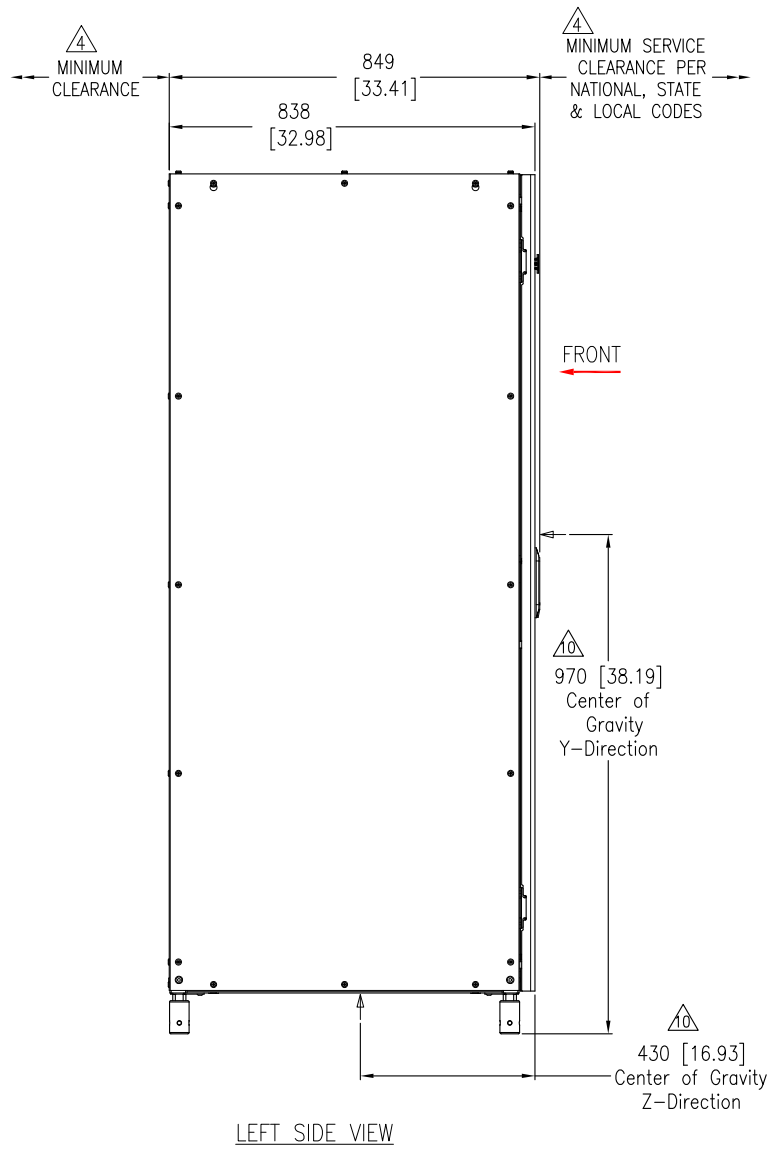
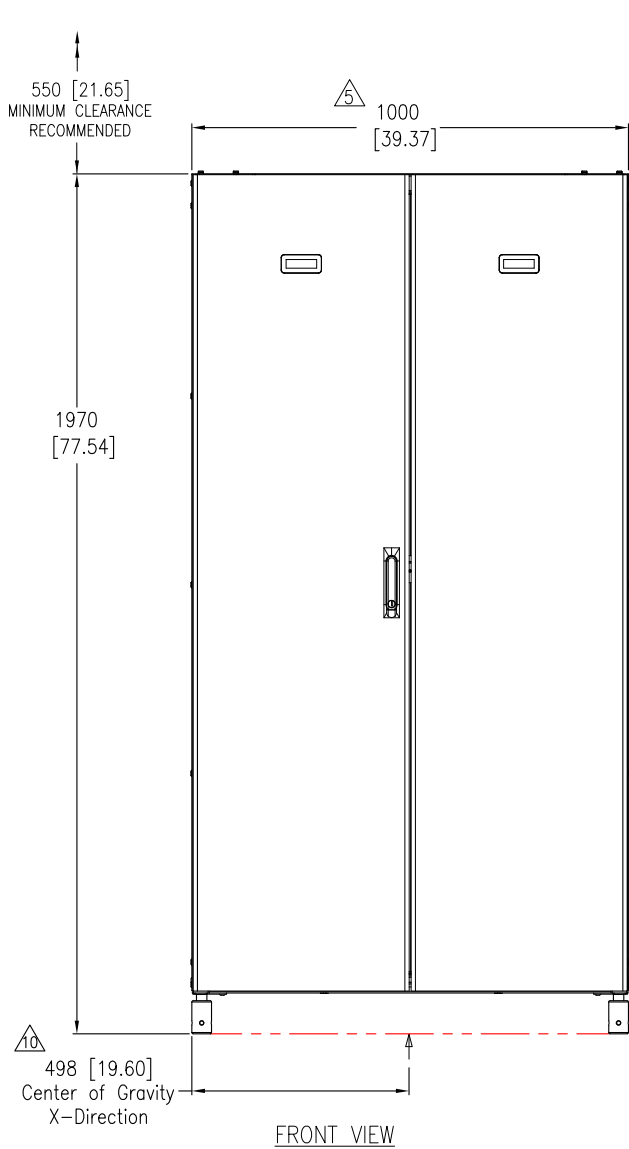
NOTES:

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-B ISOMETRIC VIEW		DWG NO:	GVSCBC10B	REV:	0
PROJECT:	SUBMITTAL DRAWINGS	SHEET 1 OF 4	DRAWN:	JAYAPRAKASH	16-JUL-18	FIRST ANGLE PROJECTION
			ENGINEER:	ALICE	17-JUL-18	
			APPROVED:	JIACHEN	17-JUL-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. 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 ≥ 1000 [39.37]
 - △5. DIMENSION EXCLUDES SKIN AND SCREW PROJECTIONS.
 6. THE WEIGHT OF THE UNIT IS 1512kg [3333.4 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.

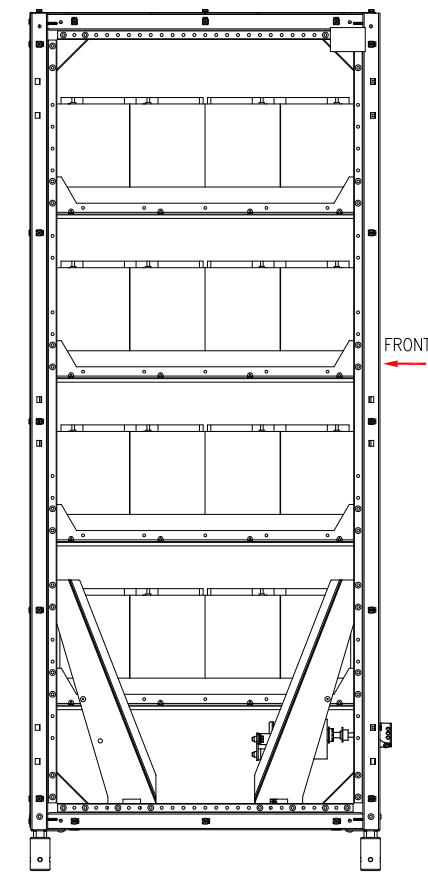
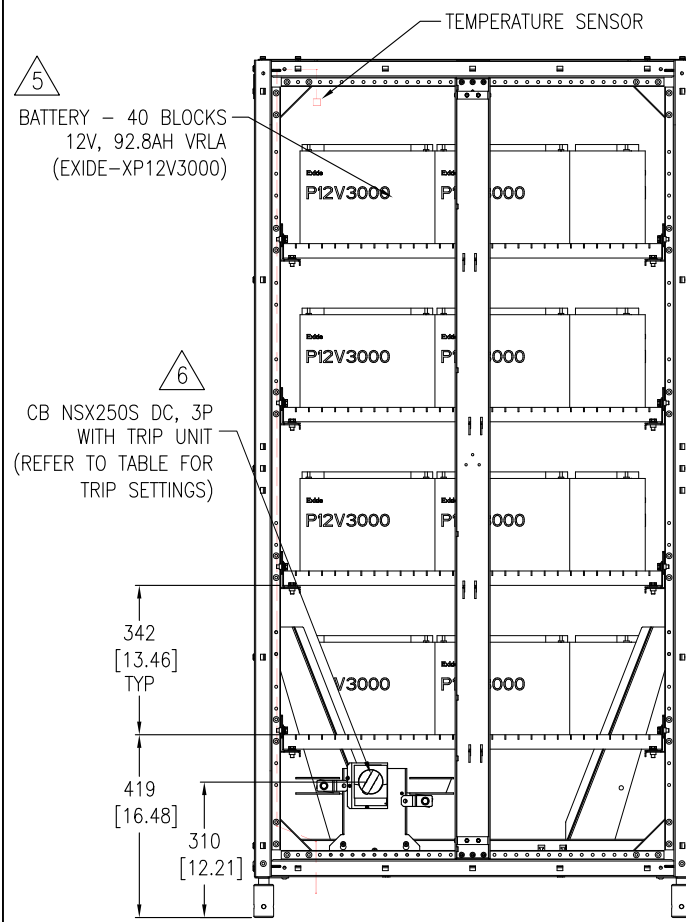
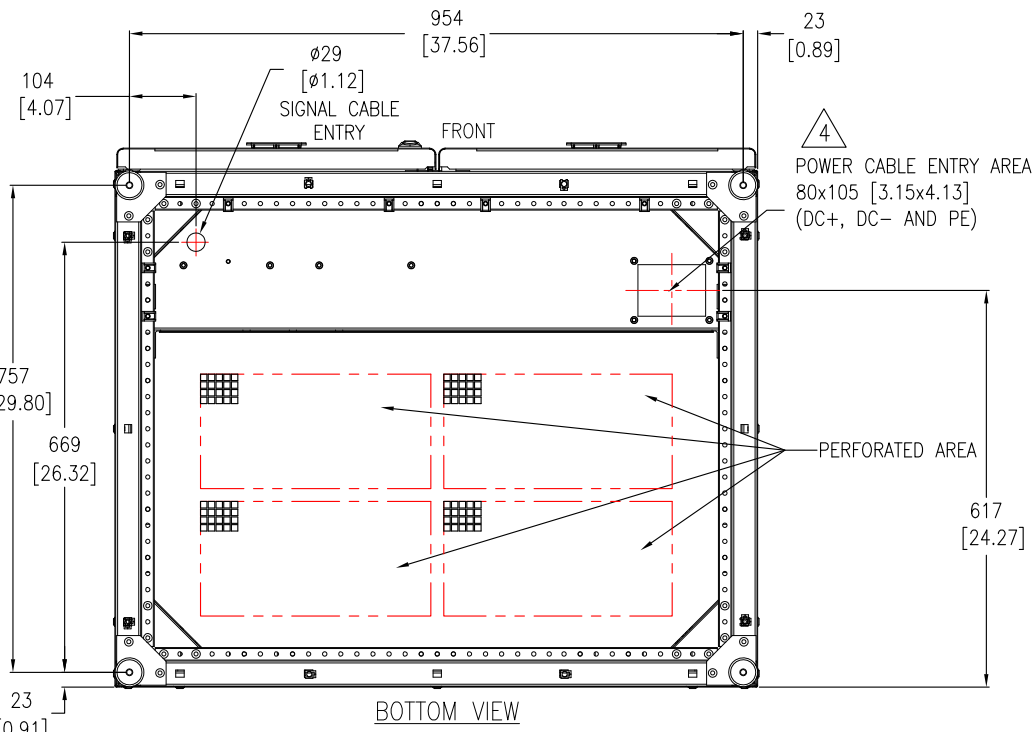
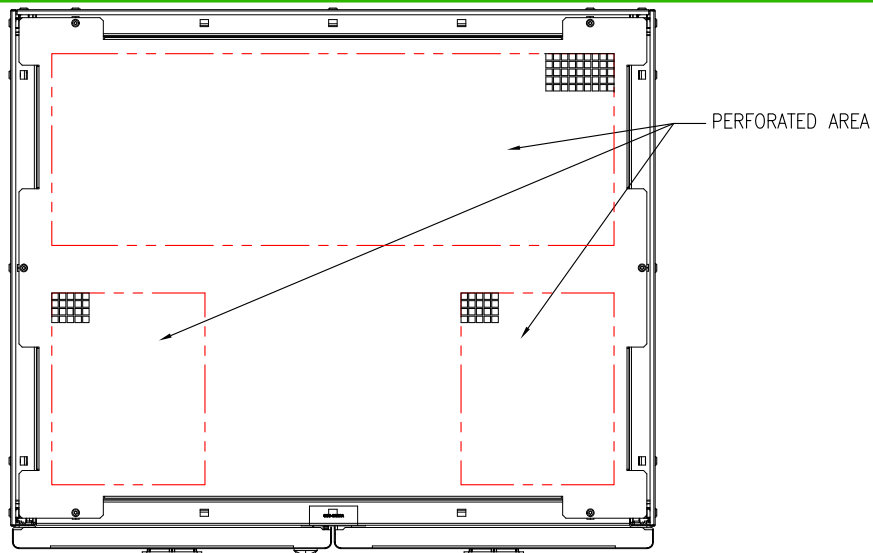
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TITLE: GALAXY VS CLASSIC BATTERY CABINET - 1000mm, IEC WITH BATTERIES, CONFIG.-B GENERAL ARRANGEMENT

PROJECT: SUBMITTAL DRAWINGS SHEET 2 OF 4

DWG NO:	GVSCBC10B	REV:	0
DRAWN:	JAYAPRAKASH	16-JUL-18	FIRST ANGLE PROJECTION
ENGINEER:	ALICE	17-JUL-18	
APPROVED:	JIACHEN	17-JUL-18	



6

Voltage (V)	UPS Rating (kVA)	Trip Setting (A)	
		Ir	Im
380/400/415	20	175	1250 (fixed)
	30	175	
	40	175	
	50	175	
	60	175	
	80	225	
	100	250	

- 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.

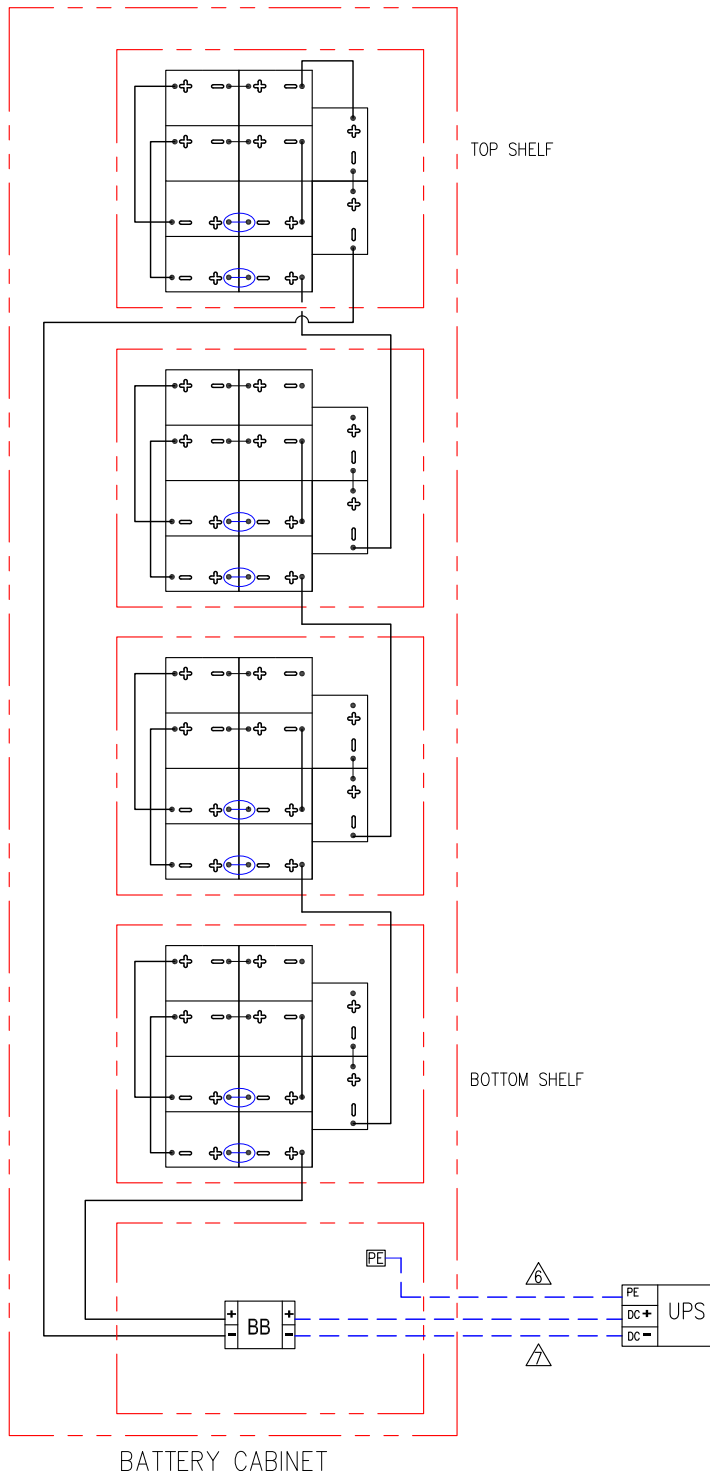
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TITLE: GALAXY VS CLASSIC BATTERY CABINET - 1000mm, IEC WITH BATTERIES, CONFIG-B TOP, BOTTOM AND INTERNAL VIEWS

PROJECT: SUBMITTAL DRAWINGS SHEET 3 OF 4

DWG NO:	GVSCBC10B	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 GVSCBC10B			2x GVSCBC10B		
			1000mm/39" Wide			2x 1000mm/39" Wide		
			40 Batteries			40 Batteries		
Voltage	UPS Rating	UPS SKU	PF 0.8	PF 0.9	PF 1	PF 0.8	PF 0.9	PF 1
400V	20kW	GVSUPS20KHS	135.0	115.0	105.0	300.0	260.0	235.0
	30kW	GVSUPS30KHS	84.5	73.5	64.5	190.0	165.0	145.0
	40kW	GVSUPS40KHS	59.5	51.5	45.0	135.0	115.0	105.0
	50kW	GVSUPS50KHS	45.0	38.5	33.5	105.0	91.0	80.0
	60kW	GVSUPS60KHS	35.5	30.5	26.5	84.5	73.5	64.5
	80kW	GVSUPS80KHS	24.0	20.5	17.5	59.5	51.5	45.0
	100kW	GVSUPS100KHS	17.5	14.5	12.5	45.0	38.5	33.5

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 CONTROL INTERFACE DETAILS REFER TO SYSTEM WIRING DIAGRAM.
9. BATTERY TYPE: XP12V13000, 40 BLOCKS.

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

DWG NO: GVSCBC10B

REV. 1

DRAWN: JAYAPRAKASH 04-APR-19

ENGINEER: ALICE 04-APR-19

APPROVED: JIACHEN 04-APR-19

ANGLE
PROJECTION
N.A

PROJECT: SUBMITTAL DRAWINGS SHEET 4 OF 4