

#### NOTES:

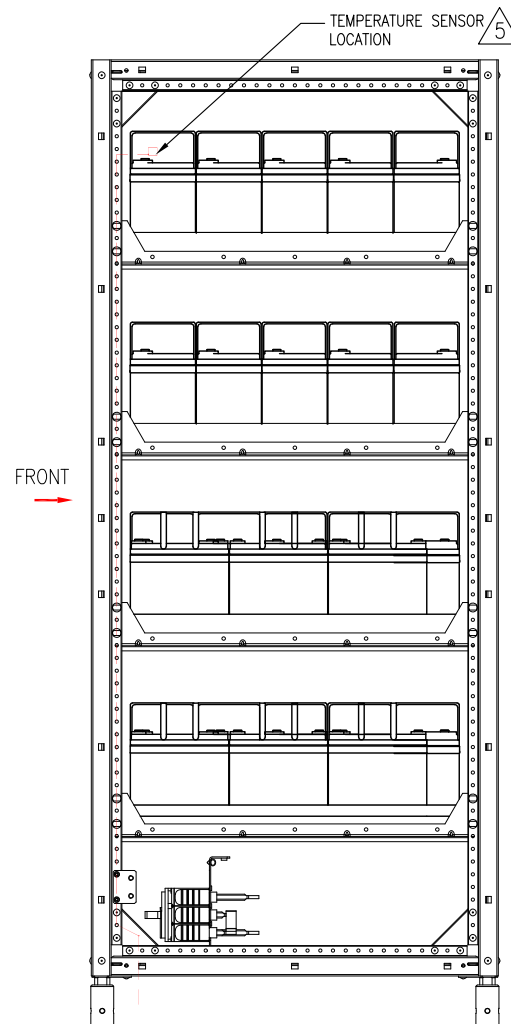
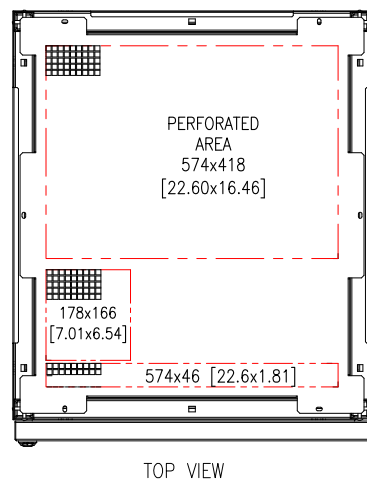
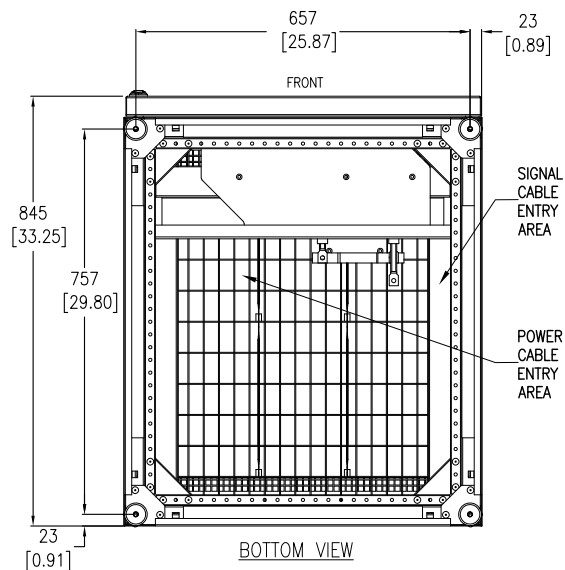
1. INSTALLATION SHALL COMPLY WITH ALL APPLICABLE NATIONAL, STATE AND LOCAL ELECTRICAL REGULATIONS.
2. REFER TO PRODUCT DOCUMENTATION FOR ADDITIONAL DETAILS PRIOR TO INSTALLATION AND SITE PREPARATION WORK.
3. ALL DIMENSIONS ARE IN MILLIMETERS [INCHES].
- △ 4. CLEARANCE DIMENSIONS ARE MEANT FOR AIR FLOW AND SERVICES ACCESS ONLY. CONSULT WITH THE LOCAL SAFETY CODES AND STANDARDS FOR ADDITIONAL REQUIREMENTS IN YOUR AREA.  
THE ROOM SHOULD BE VENTILATED TO PREVENT THE CONCENTRATION OF THE DIHYDROGEN GENERATED BY THE BATTERY CABINET.  
RECOMMENDED MINIMUM AIRFLOW IS 2.41m<sup>3</sup>/h.
- △ 5. DIMENSION EXCLUDES SKIN AND SCREW PROJECTIONS.
6. THE WEIGHT OF THE UNIT IS 790 kg [1742 lb].
7. OPERATING TEMPERATURE: 0°C TO 40°C [32°F TO 104°F]
8. COLOR: RAL 9003 WHITE, GLOSS LEVEL 85%.
9. PROTECTION CLASS – IP20
10. DOOR SWING: FREELY ROTATES BY 130°.
11. CABLE ENTRY IS FROM BOTTOM OF THE UNIT.

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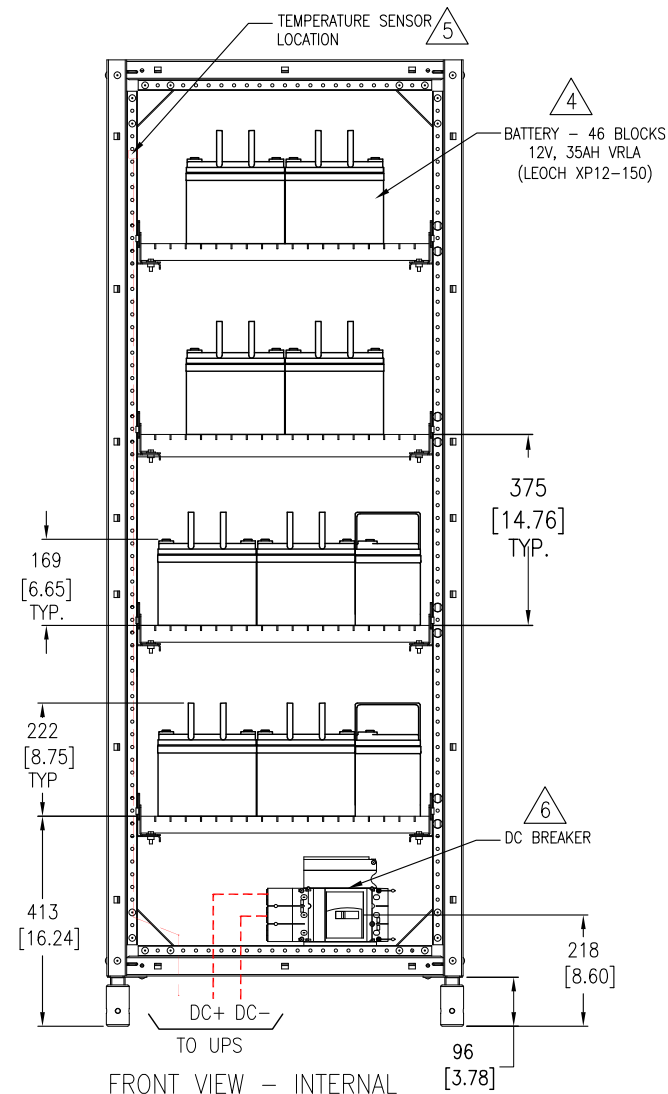
**Schneider**  
**Electric**

TITLE:  
GALAXY VS  
CLASSIC BATTERY CABINET – 700mm, IEC  
WITH 46 Nos.XP12-150 BATTERIES, CONFIG-E  
GENERAL ARRANGEMENT  
PROJECT: SUBMITTAL DRAWINGS SHEET 1 OF 3

DWG NO:	GVSCBC7E		REV.	0
DRAWN:	BALA	9-FEB-21	FIRST	
ENGINEER:	S B	29-JUN-21	ANGLE	
APPROVED:	S B	29-JUN-21	PROJECTION	



SIDE VIEW-INTERNAL



FRONT VIEW - INTERNAL

△6

3 POLE DC BREAKER TRIP SETTING NSX250SDC (LV438218) + TM200G (LV430088)				
UPS RATING (kW)	I <sub>r</sub> (A) @ POWER FACTOR			I <sub>m</sub> (A)
	0.8	0.9	1	
20/30/40/50	140			530 (FIXED)
60	160			
80	200			

NOTES:

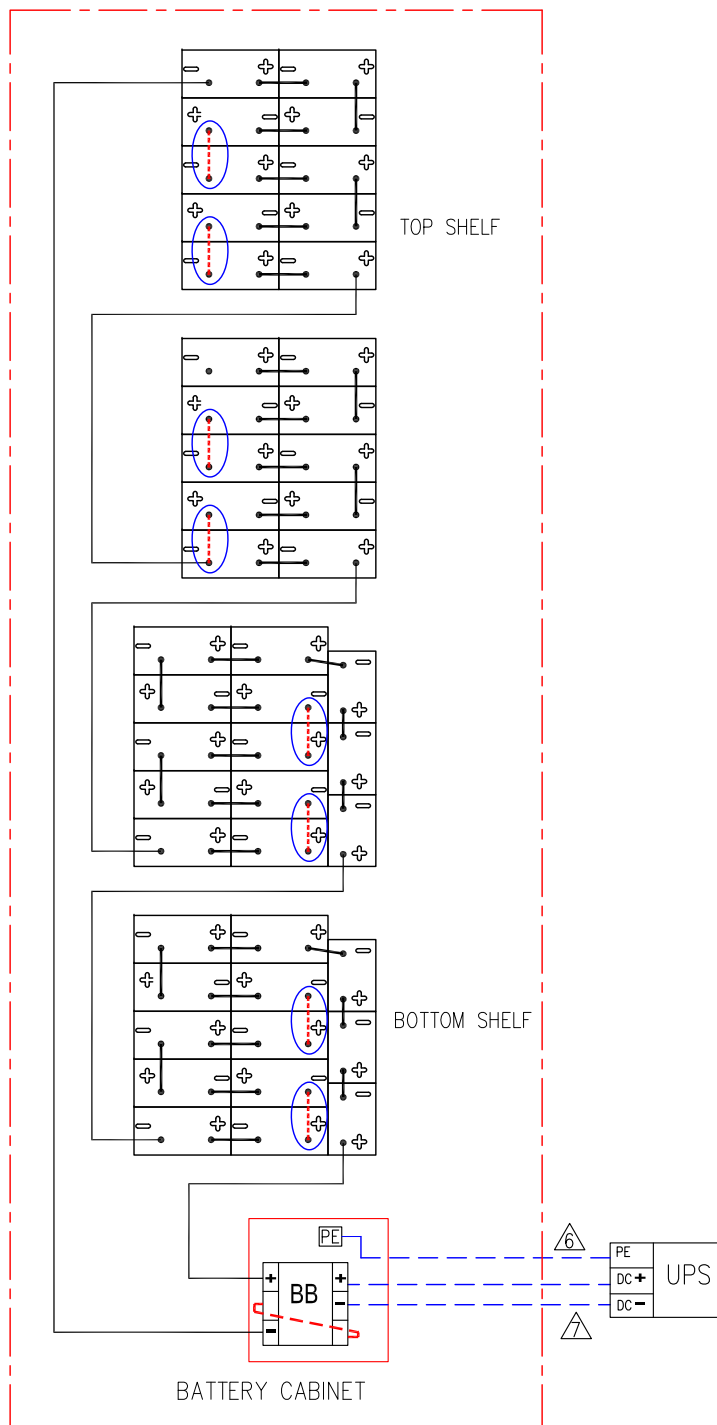
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2. REFER TO PRODUCT DOCUMENTATION FOR ADDITIONAL DETAILS PRIOR TO INSTALLATION AND SITE PREPARATION WORK.
3. ALL DIMENSIONS ARE IN MILLIMETERS [INCHES].
- △4. BATTERIES SHOWN ARE TYPICAL.
- △5. ONE TEMPERATURE SENSOR IS PROVIDED WITH THE GVS SERIES UPS. CONTACT SCHNEIDER ELECTRIC IF ANOTHER IS REQUIRED.
- △6. REFER TO TABLE FOR BREAKER DETAILS.

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**Schneider Electric**

TITLE: GALAXY VS  
CLASSIC BATTERY CABINET - 700mm, IEC  
WITH 46 Nos.XP12-150 BATTERIES, CONFIG-E  
TOP, BOTTOM AND INTERNAL VIEWS  
PROJECT: SUBMITTAL DRAWINGS SHEET 2 OF 3

DWG NO: GVSCBC7E  
DRAWN: BALA 9-FEB-21  
ENGINEER: S B 29-JUN-21  
APPROVED: S B 29-JUN-21  
REV. 0  
FIRST ANGLE PROJECTION



BATTERY RUNTIME DETAILS FOR GALAXY VS 400V UPS							
UPS RATING (kW)	SKU NUMBER	RUNTIME IN MINUTES					
		1 x GVSCBC7E			2 x GVSCBC7E		
		PF 0.8	PF 0.9	PF 1	PF 0.8	PF 0.9	PF 1
20	GVSUPS20KHS/ GVSUPS20KRHS	48.0	41.5	36.5	105.0	95.0	84.0
30	GVSUPS30KHS/ GVSUPS30KRHS	29.0	25.0	22.0	68.0	59.0	52.0
40	GVSUPS40KHS/ GVSUPS40KRHS	20.0	17.5	15.0	48.0	41.5	36.5
50	GVSUPS50KHS/ GVSUPS50KRHS	15.0	12.5	11.0	36.5	31.5	27.5
60	GVSUPS60KHS/ GVSUPS60KRHS	11.5	9.9	8.4	29.0	25.0	22.0
80	GVSUPS80KHS/ GVSUPS80KRHS	7.6	6.3	5.2	20.0	17.0	15.0
100	GVSUPS100KHS/ GVSUPS100KRHS	5.2	N A	N A	15.0	12.5	11.0
120	GVSUPS120KHS/ GVSUPS120KRHS	N A			11.5	9.9	8.4
150	GVSUPS150KHS/ GVSUPS150KRHS				8.4	7.0	5.9

#### 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 CLASSIC 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. BATTERY TYPE: XP12-150, 46 BLOCKS.
9. FOR INTERFACE DETAILS REFER TO SYSTEM WIRING DIAGRAM GVSUPS20K150HS-WD.

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**Schneider Electric**

TITLE: GALAXY VS CLASSIC BATTERY CABINET - 700mm, IEC WITH 46 Nos.XP12-150 BATTERIES, CONFIG-E CABLING DIAGRAM & RUNTIME DETAILS

PROJECT: SUBMITTAL DRAWINGS SHEET 3 OF 3

DWG NO:	GVSCBC7E	REV:	0
DRAWN:	BALA	9-FEB-21	ANGLE
ENGINEER:	S B	29-JUN-21	PROJECTION
APPROVED:	S B	29-JUN-21	N.A