

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 748kg [1649 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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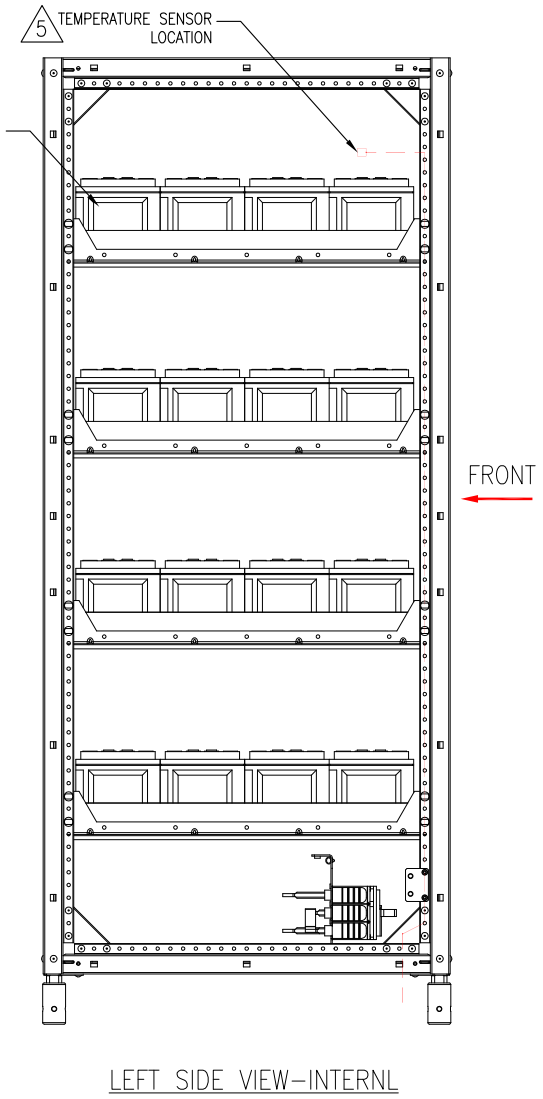
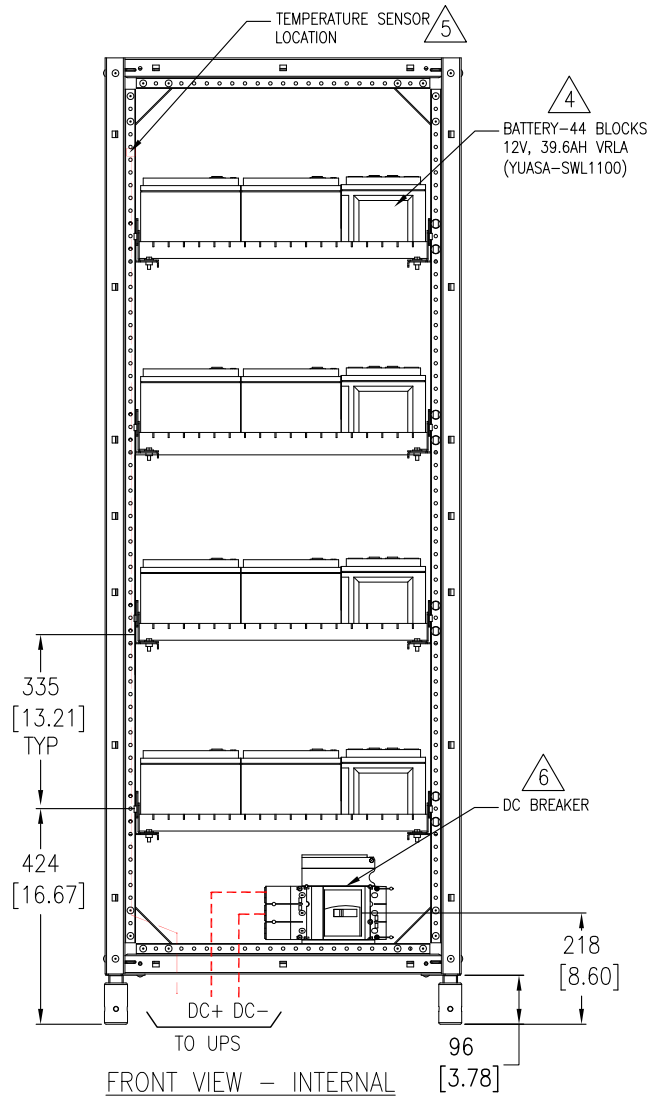
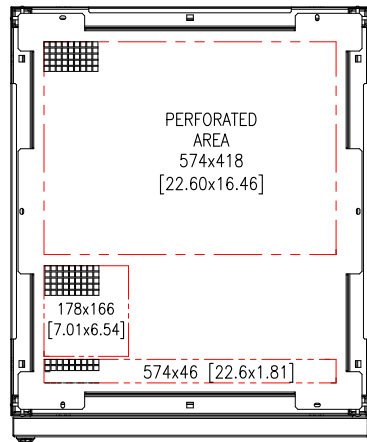
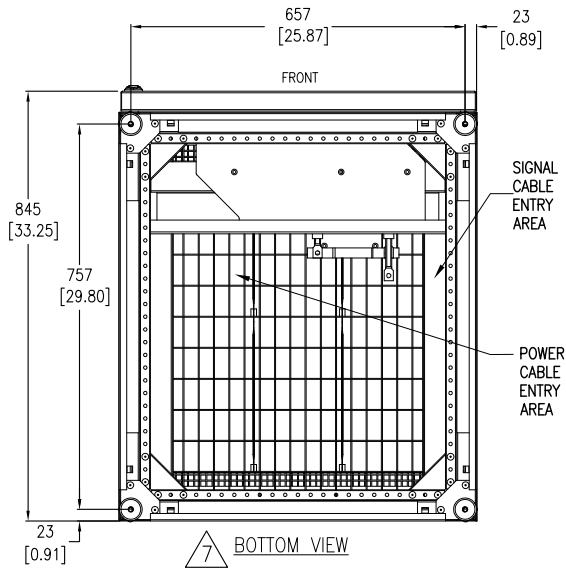
TITLE:
GALAXY VS
CLASSIC BATTERY CABINET - 700mm, IEC
WITH BATTERIES, CONFIG.-B
GENERAL ARRANGEMENT

DWG NO: GVSCBC7B

REV. 0

PROJECT: SUBMITTAL DRAWINGS SHEET 1 OF 3

| | | | |
|-----------|--------|-----------|------------------------|
| DRAWN: | BALA | 15-OCT-19 | FIRST ANGLE PROJECTION |
| ENGINEER: | ALICE | 18-OCT-19 | |
| APPROVED: | JACHEN | 18-OCT-19 | |



△6

| 3 POLE DC BREAKER TRIP SETTING NSX250SDC (LV438218) + TM200C (LV430084) | | | | |
|--|-----------------------------------|-----|---|--------------------|
| UPS RATING (kW) | I _r (A) @ POWER FACTOR | | | I _m (A) |
| | 0.8 | 0.9 | 1 | |
| 20/30/40/50 | 140 | | | 530 (FIXED) |
| 60 | 160 | | | |
| 80 | 160 | NA | | |

NOTES:

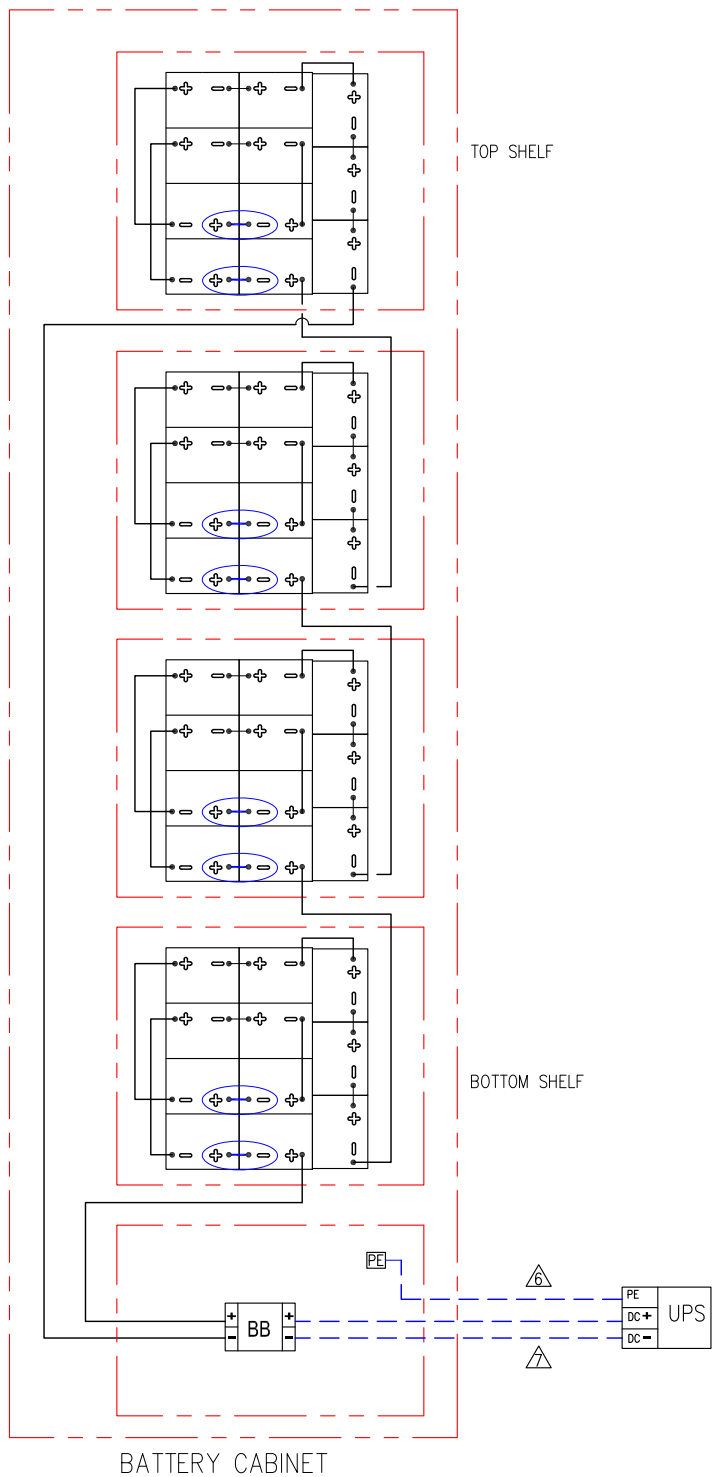
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- ALL DIMENSIONS ARE IN MILLIMETERS [INCHES].
- BATTERIES SHOWN ARE TYPICAL.
- ONE TEMPERATURE SENSOR IS PROVIDED WITH THE GVS SERIES UPS. CONTACT SCHNEIDER ELECTRIC IF ANOTHER IS REQUIRED.
- REFER TO TABLE FOR BREAKER DETAILS.
- DIMENSIONS OF CABINET MAY HAVE SOME VARIATIONS. PREVIOUS VERSION OF CABINET HAD DIMENSIONS OF 1970x700x830.

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Schneider Electric

TITLE:
GALAXY VS
CLASSIC BATTERY CABINET - 700mm, IEC
WITH BATTERIES, CONFIG-B
TOP, BOTTOM AND INTERNAL VIEWS
PROJECT: SUBMITTAL DRAWINGS SHEET 2 OF 3

DWG NO: **GVSCBC7B** REV. **0**
DRAWN: BALA 15-OCT-19
ENGINEER: ALICE 18-OCT-19
APPROVED: JIACHEN 18-OCT-19
FIRST ANGLE PROJECTION



| BATTERY RUNTIMES (minutes) at Full Load (calculated) | | | Classic Battery Cabinets | | | | | |
|--|------------|--------------|--------------------------|--------|------|-------------------|--------|------|
| | | | 1x GVSCBC7B | | | 2x GVSCBC7B | | |
| | | | 700mm/28" Wide | | | 2x 700mm/28" Wide | | |
| | | | 48 Batteries | | | 48 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 | 52.0 | 44.5 | 39.0 | 120.0 | 105.0 | 94.5 |
| | 30kW | GVSUPS30KHS | 30.5 | 26.0 | 22.0 | 75.5 | 65.0 | 56.5 |
| | 40kW | GVSUPS40KHS | 20.5 | 17.0 | 14.5 | 52.0 | 44.5 | 39.0 |
| | 50kW | GVSUPS50KHS | 14.5 | 12.0 | 10.0 | 39.0 | 33.0 | 28.5 |
| | 60kW | GVSUPS60KHS | 10.5 | 8.9 | 7.3 | 30.5 | 26.0 | 22.0 |
| | 80kW | GVSUPS80KHS | 6.5 | 5.0 | *N/A | 20.5 | 17.0 | 14.5 |
| | 100kW | GVSUPS100KHS | *N/A | *N/A | *N/A | 14.5 | 12.0 | 10.0 |

* NOT AVAILABLE AS THIS SOLUTION PROVIDES LESS THAN 5 MINUTES RUNTIME

LEGEND:

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

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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: SWL1100, 44 BLOCKS.
9. FOR INTERFACE DETAILS REFER TO SYSTEM WIRING DIAGRAM GVSUPS20K150HS-WD.

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|----------|--|--------------|-----------|----------|----------|------------------|
| TITLE: | GALAXY VS CLASSIC BATTERY CABINET - 700mm, IEC WITH BATTERIES, CONFIG-B CABLEING DIAGRAM & RUNTIME DETAILS | | DWG NO: | GVSCBC7B | REV: | 1 |
| PROJECT: | SUBMITTAL DRAWINGS | SHEET 3 OF 3 | DRAWN: | BALA | 7-NOV-19 | ANGLE PROJECTION |
| | | | ENGINEER: | ALICE | 7-NOV-19 | N.A |
| | | | APPROVED: | JIACHEN | 7-NOV-19 | |