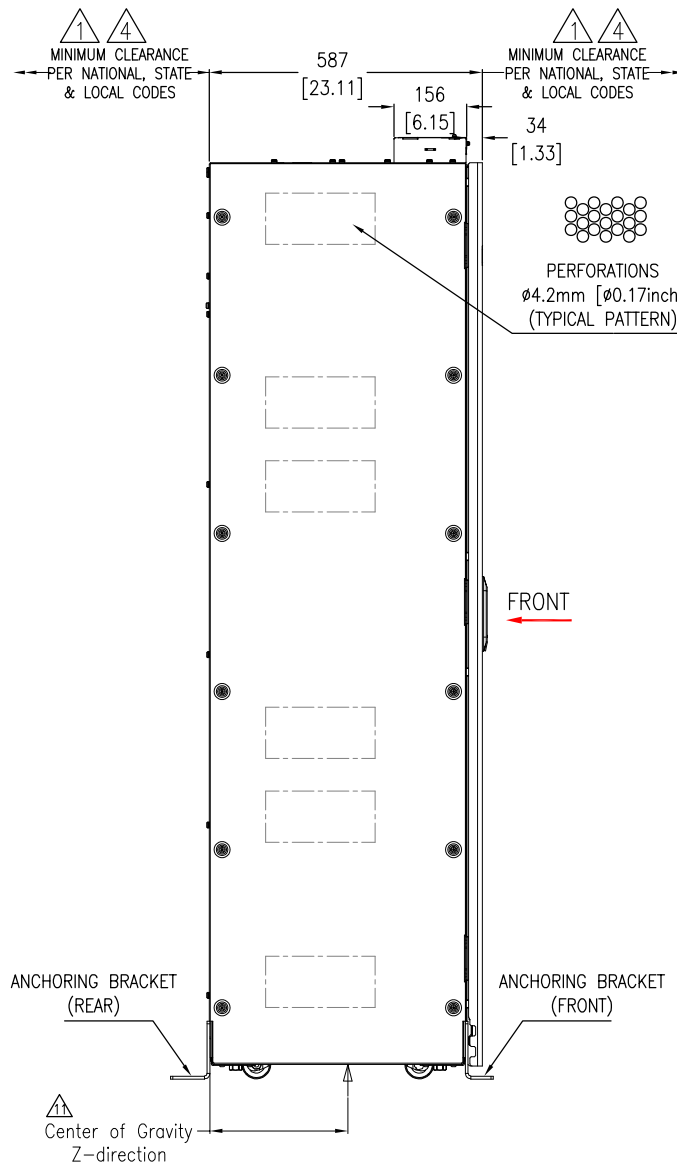
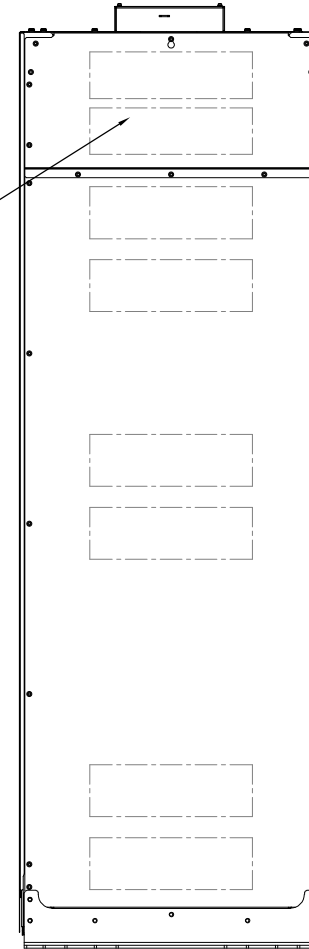


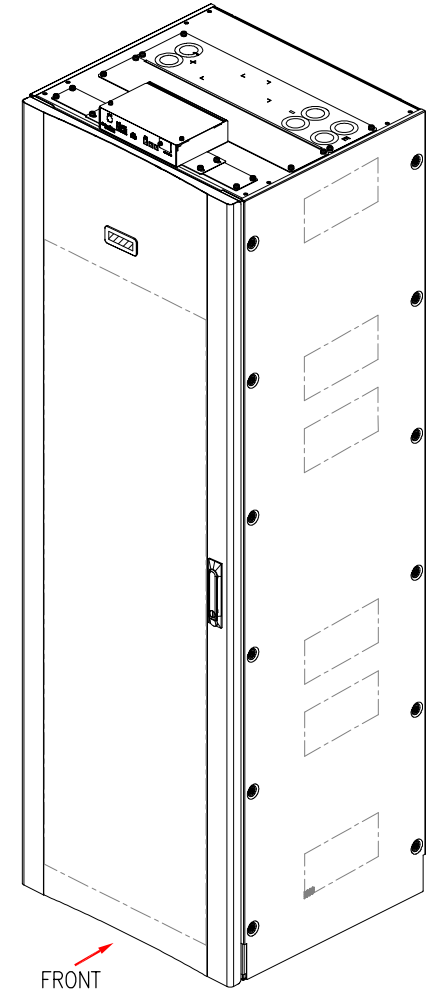
FRONT VIEW



LEFT SIDE VIEW



REAR VIEW



ISOMETRIC VIEW

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].
- A MINIMUM OF 1000mm [39.37 Inches] FRONT, 100mm [3.94 Inches] TOP CLEARANCE REQUIRED. 100mm [3.94 Inches] REAR CLEARANCE IS REQUIRED ONLY FOR SEISMIC ANCHORING INSTALLATION. CLEARANCE DIMENSIONS ARE FOR AIRFLOW AND SERVICE ACCESS ONLY.
- ALL DIMENSIONS EXCLUDES SCREW PROJECTION OUTSIDE THE ENCLOSURE.
- CABLE ENTRY IS FROM TOP OF THE UNIT.
- REFER TO TABLE FOR APPLICABLE SKUs & WEIGHT DETAILS. WEIGHT OF ONE BATTERY MODULE IS 16.5 kg [36.38 lb].
- COLOR: RAL9003, GLOSS LEVEL 85%.
- PROTECTION CLASS: IP20.
- OPERATING TEMPERATURE: 18 – 28°C [64 – 82°F].
- TO OPTIMIZE THE LIFE OF BATTERY, IT IS RECOMMENDED TO MAINTAIN 25°C [77°F].
- THIS INFORMATION PROVIDES APPROXIMATE CENTER OF GRAVITY CALCULATION.
- BATTERY RACKS CAN BE BAYED SIDE BY SIDE AND BACK TO BACK. REFER TO INSTALLATION MANUAL FOR DETAILS.
- THIS IS AN OPTIONAL DATA LOG KIT. REFER TO SHEET 4 FOR THE ENLARGED VIEW.

SKU NUMBER	WEIGHT IN kg [lb]		COG IN mm [Inch]					
	Empty Rack	Fully loaded Rack	Empty Rack			Fully loaded Rack		
			X-diection	Y-direction	Z-direction	X-diection	Y-direction	Z-direction
LIBSESMG16IEC	211 [465]	470 [1036]	321.5 [12.66]	1031.5 [40.61]	311.2 [12.25]	324 [12.76]	990.7 [39.00]	279.9 [11.02]
LIBSESMG17IEC		490 [1080]	321.5 [12.66]	1031.5 [40.61]	311.2 [12.25]	319 [12.56]	962.3 [39.89]	279.2 [10.99]

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Schneider Electric

TITLE:
Galaxy Lithium-ion Battery cabinet
For Easy UPS 3-Phase Modular, IEC
GENERAL ARRANGEMENT

PROJECT: SUBMITTAL DRAWINGS SHEET 1 OF 11

DWG NO: LIBSESMGEMUIEC

DRAWN: TRASSIA 23-MAY-25

ENGINEER: KINGYOO ZHANG 26-MAY-25

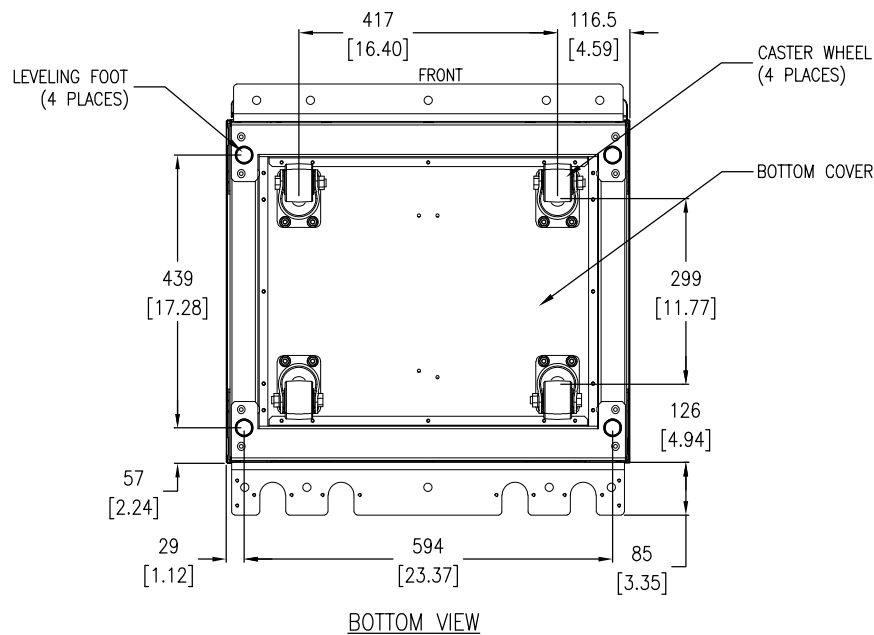
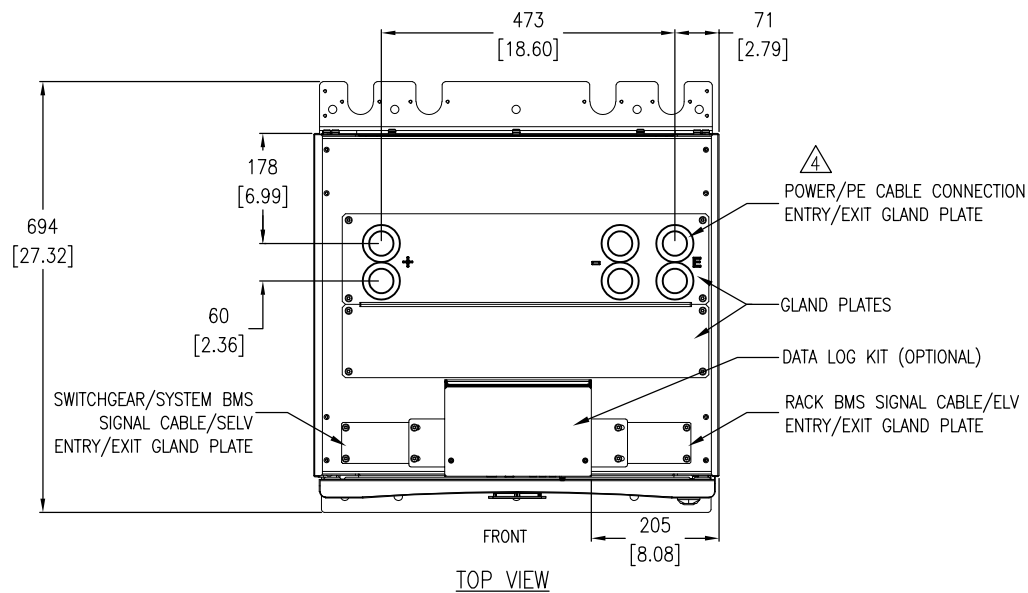
APPROVED: RICK ZHANG 26-MAY-25

REV. 1

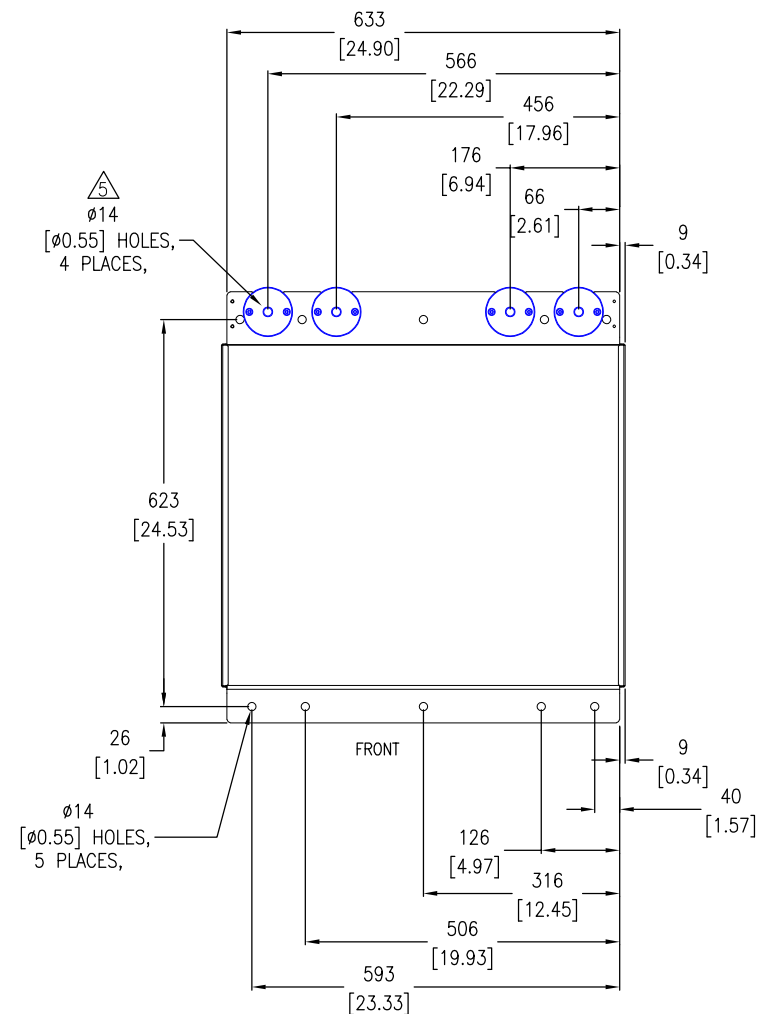
FIRST

ANGLE

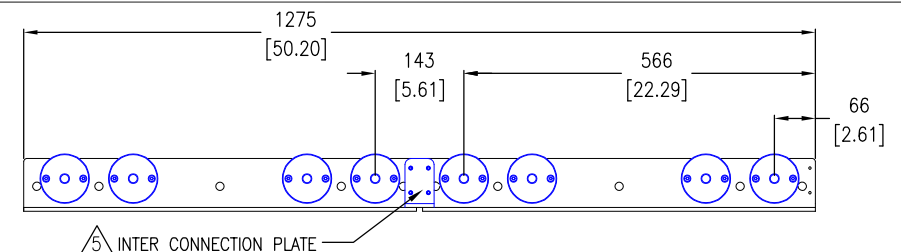
PROJECTION



- 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. DO NOT DRILL/PUNCH HOLES WITH THE GLAND PLATES INSTALLED.
REMOVE THE GLAND PLATE FROM BATTERY RACK BEFORE DRILLING/PUNCHING.
DRILL/PUNCH HOLES ACCORDING TO THE LABEL ON THE GLAND PLATE.
 5. USE ACCESSORY KIT (0M-95331) TO ANCHOR THE UNIT IN SEISMIC LOCATION.
FOR SEISMIC ANCHORING, M12 SCREWS OF STRENGTH GRADE 8.8 HARDWARE ARE REQUIRED TO BE USED.



SEISMIC ANCHORING DETAILS – 1 BATTERY RACK



SEISMIC ANCHORING DETAILS FOR MORE THAN ONE BATTERY RACK

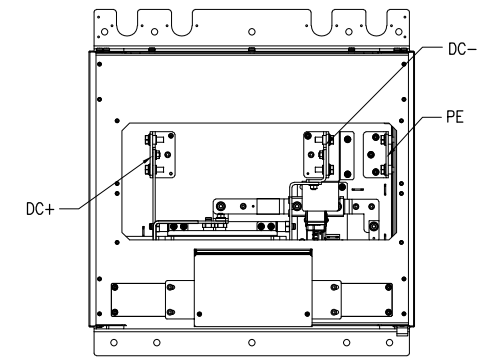
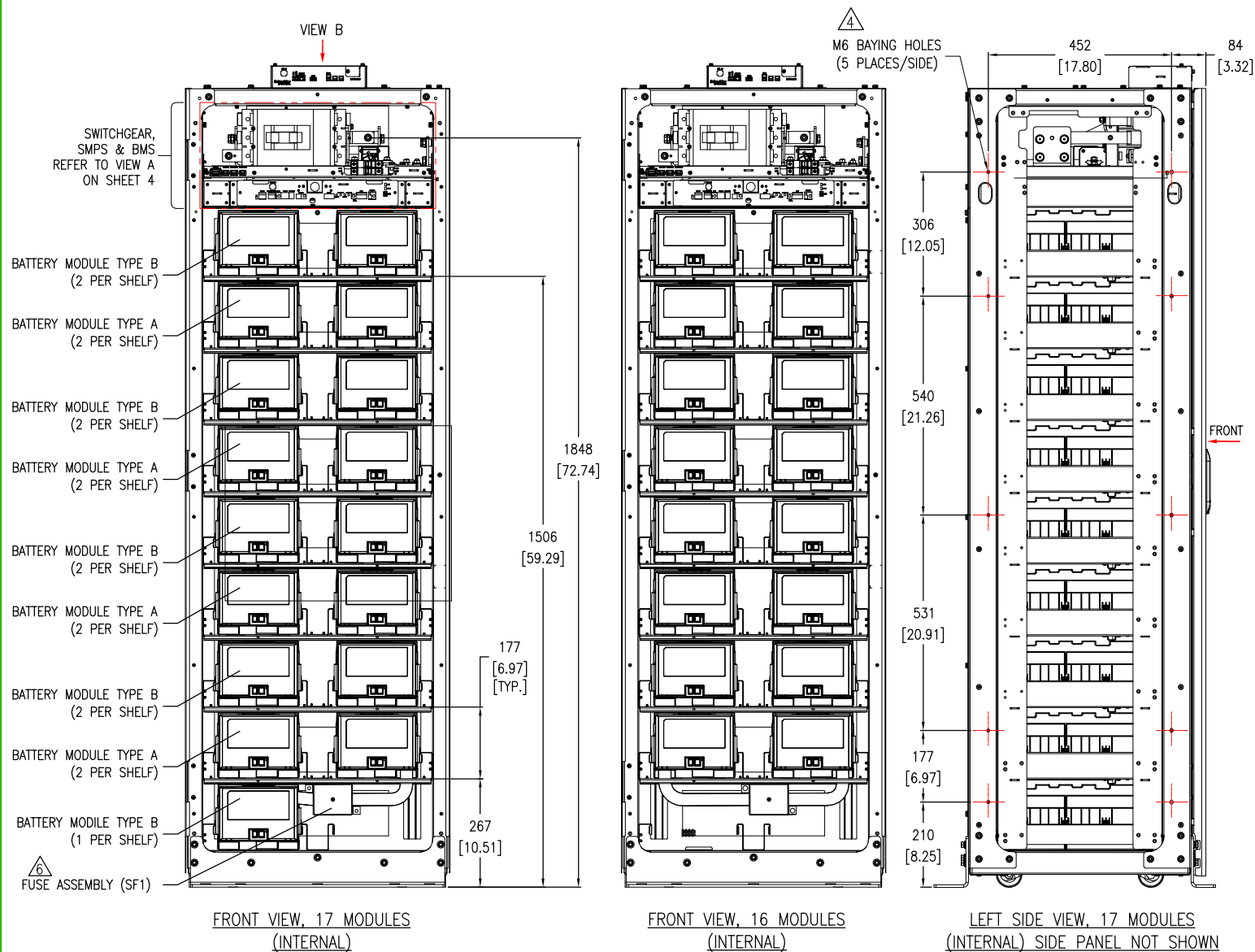
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Schneider Electric

TITLE:
Galaxy Lithium-ion Battery cabinet
For Easy UPS 3-Phase Modular, IEC
TOP/BOTTOM VIEW & ANCHORING DETAILS
PROJECT: SUBMITTAL DRAWINGS SHEET 2 OF 11

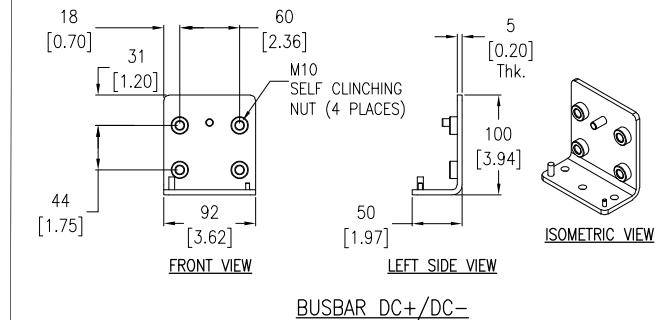
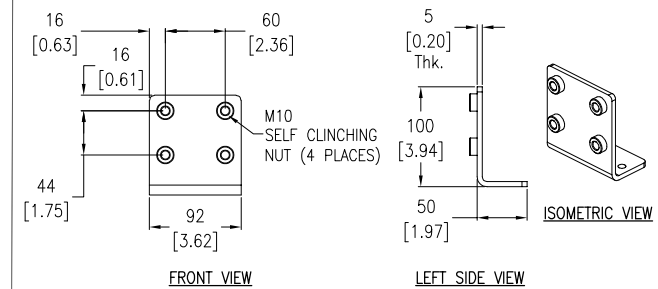
DWG NO: LIBSESMGEMUIEC
DRAWN: TRASSIA
ENGINEER: KINGYOO ZHANG
APPROVED: RICK ZHANG

REV. 1
FIRST ANGLE
PROJECTION



VIEW B
GLAND PLATES NOT SHOWN

BUSBAR DETAILS



NOTE: BOLT AND NUTS ARE PROVIDED WITH THE TERMINALS.
RECOMMENDED TORQUE FOR M10 BOLTS IS 30Nm [22.13 lb-ft].

- 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. USE M6x16 SCREWS FOR MOUNTING MULTIPLE RACKS SIDE BY SIDE. REMOVE SIDE PANELS OF ADJACENT BATTERY RACKS WHILE BAYING.
 5. THE SYSTEM BMS IS LOCATED IN BATTERY RACK 1 ONLY.
 6. FUSE TYPE: Merson MPN PC33UD69V500TF OR LITTLEFUSE MPN PSR03FL0500Z WITH 500A 600Vdc 100KAIC.
 7. SOME STRUCTURAL DETAILS HAVE BEEN OMITTED FOR THE PURPOSE OF CLARITY.

THIS DRAWING AND SPECIFICATIONS HEREIN ARE THE PROPERTY OF SCHNEIDER ELECTRIC AND SHALL NOT BE COPIED, REPRODUCED OR USED IN WHOLE OR IN PART, AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION FROM SCHNEIDER ELECTRIC. THIS DRAWING IS BASED UPON LATEST AVAILABLE INFORMATION AND IS SUBJECT TO CHANGE WITHOUT NOTICE.

Schneider Electric

TITLE:
Galaxy Lithium-ion Battery cabinet
For Easy UPS 3-Phase Modular, IEC
INTERNAL VIEW

PROJECT: SUBMITTAL DRAWINGS SHEET 3 OF 11

DWG NO: LIBSESMGEMUIEC

DRAWN: TRASSIA 23-MAY-25

ENGINEER: KINGYOO ZHANG 26-MAY-25

APPROVED: RICK ZHANG 26-MAY-25

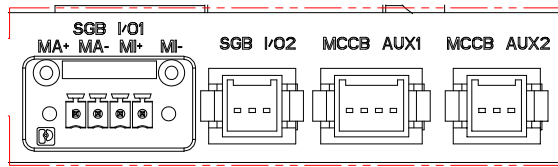
REV. 1

FIRST

ANGLE

PROJECTION

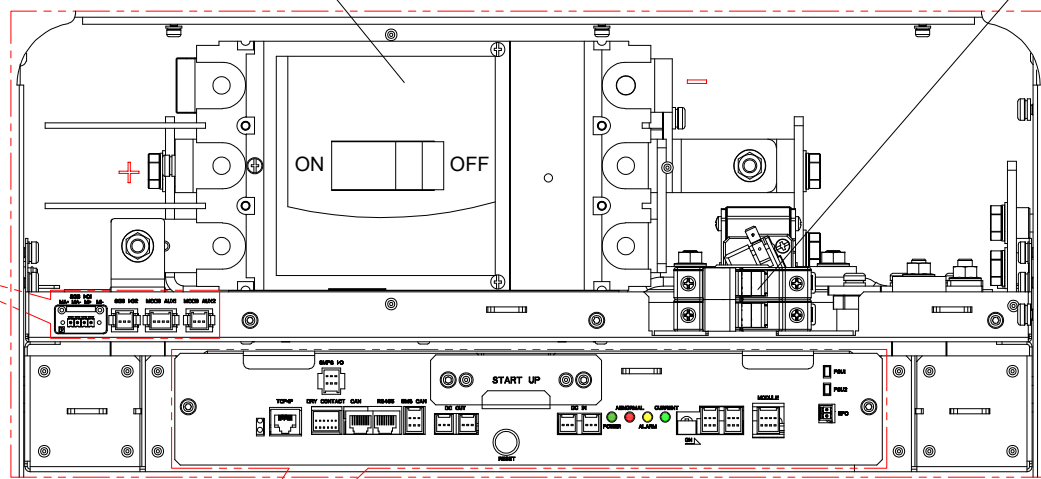
MCCB SETTINGS:
Im = 1500A
APPLY TO ALL CONFIGURATIONS.



SWITCHGEAR PORTS

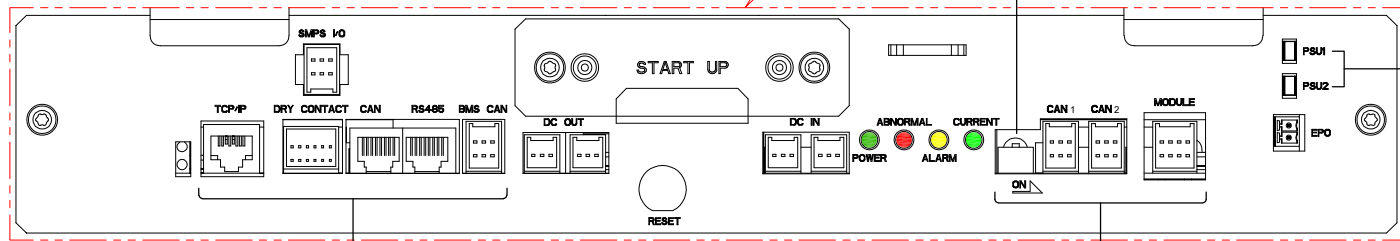
MCCB (Ui=750V; Ir=600A dc)

3 SMPs FUSES



VIEW A (ENLARGED)
SWITCHGEAR SMPs AND BMS

CAN BUS LOOP TERMINATION RESISTOR SWITCH

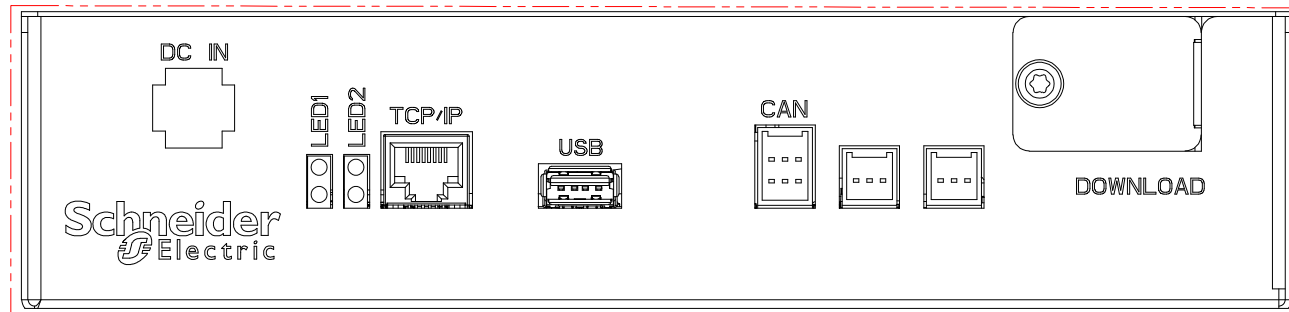


SYSTEM BMS PORTS

SMPs AND BMS

RACK BMS PORTS

CABLING NOTES:
CANBUS COMMUNICATIONS BETWEEN
RACKS IS SUPPLIED AND INSTALLED
BY SCHNEIDER ELECTRIC.



DATA LOG KIT

- 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. FUSE TYPE: LITTLEFUSE MPN OSPF003.T OR EQUIVALENT WITH 3A 1000Vdc 20KAIC.
 4. THE SYSTEM BMS IS LOCATED IN RACK 1 ONLY.

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Schneider Electric

TITLE:
Galaxy Lithium-ion Battery cabinet
For Easy UPS 3-Phase Modular, IEC
DETAIL VIEWS

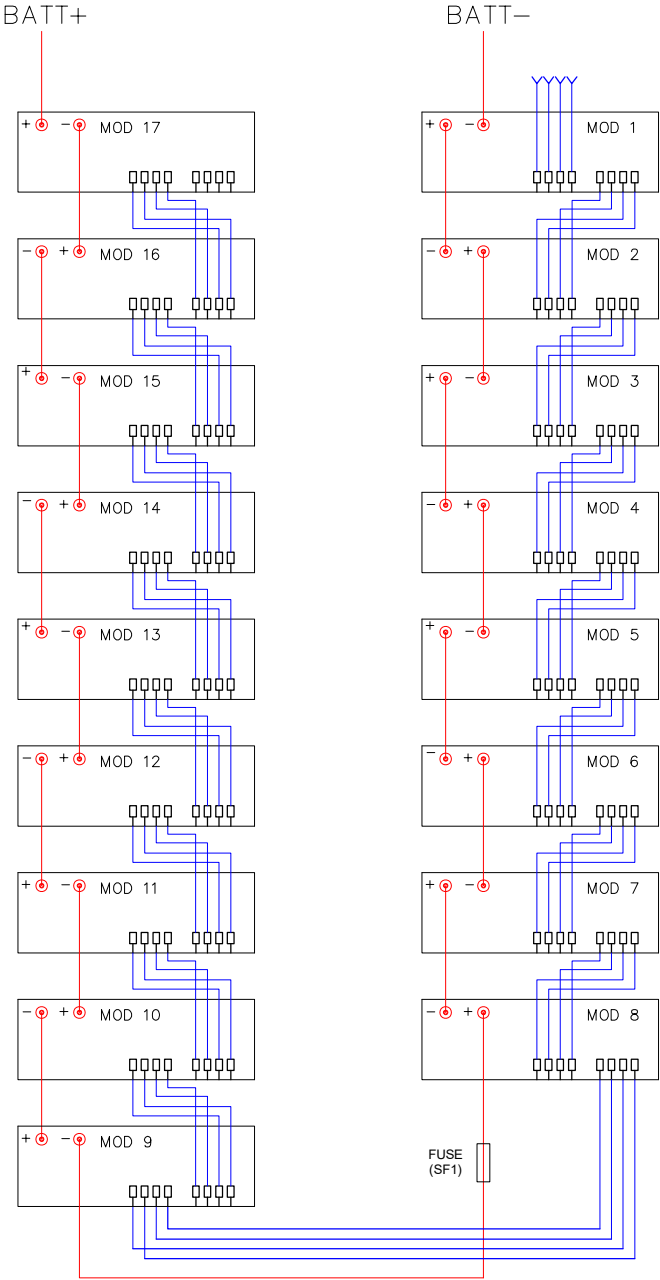
PROJECT: SUBMITTAL DRAWINGS | SHEET 4 OF 11

DWG NO: LIBSESMGEMUIEC

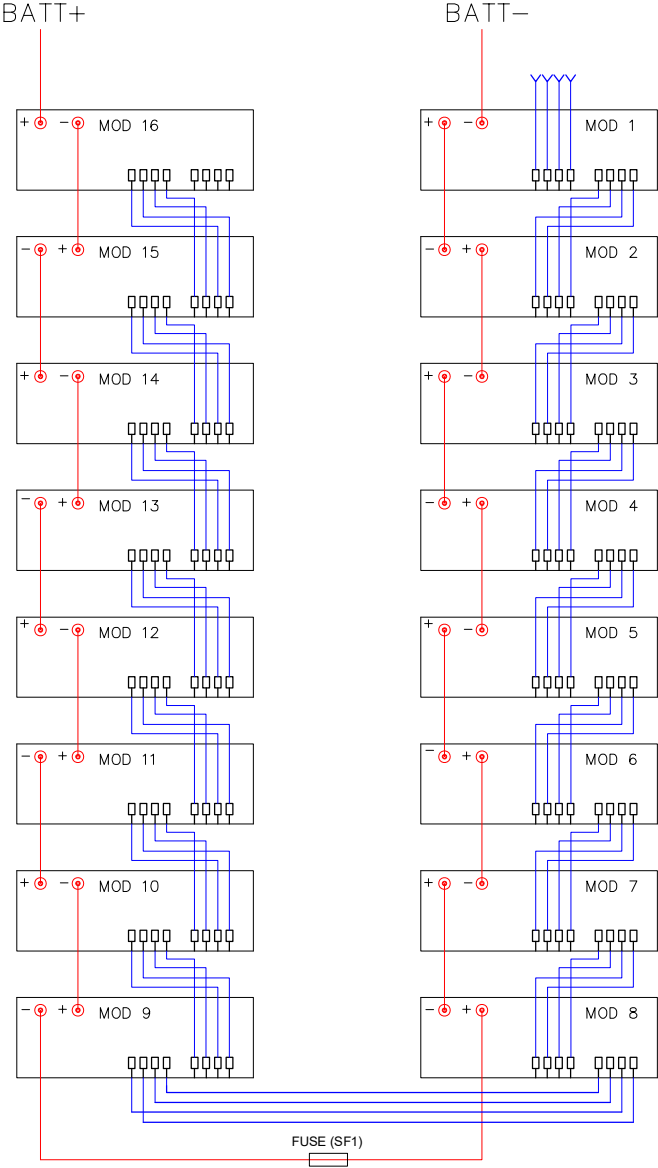
DRAWN:	TRASSIA	23-MAY-25
ENGINEER:	KINGYOO ZHANG	26-MAY-25
APPROVED:	RICK ZHANG	26-MAY-25

REV. 1
ANGLE PROJECTION
N.A.

17 MODULES/STRING



16 MODULES/STRING



LEGEND:
CONTROL CABLE
BUS BAR

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.

THIS DRAWING AND SPECIFICATIONS HEREIN ARE THE PROPERTY OF SCHNEIDER ELECTRIC AND SHALL NOT BE COPIED, REPRODUCED OR USED IN WHOLE OR IN PART, AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION FROM SCHNEIDER ELECTRIC. THIS DRAWING IS BASED UPON LATEST AVAILABLE INFORMATION AND IS SUBJECT TO CHANGE WITHOUT NOTICE.



TITLE:
Galaxy Lithium-ion Battery cabinet
For Easy UPS 3-Phase Modular, IEC
CABLING DIAGRAM

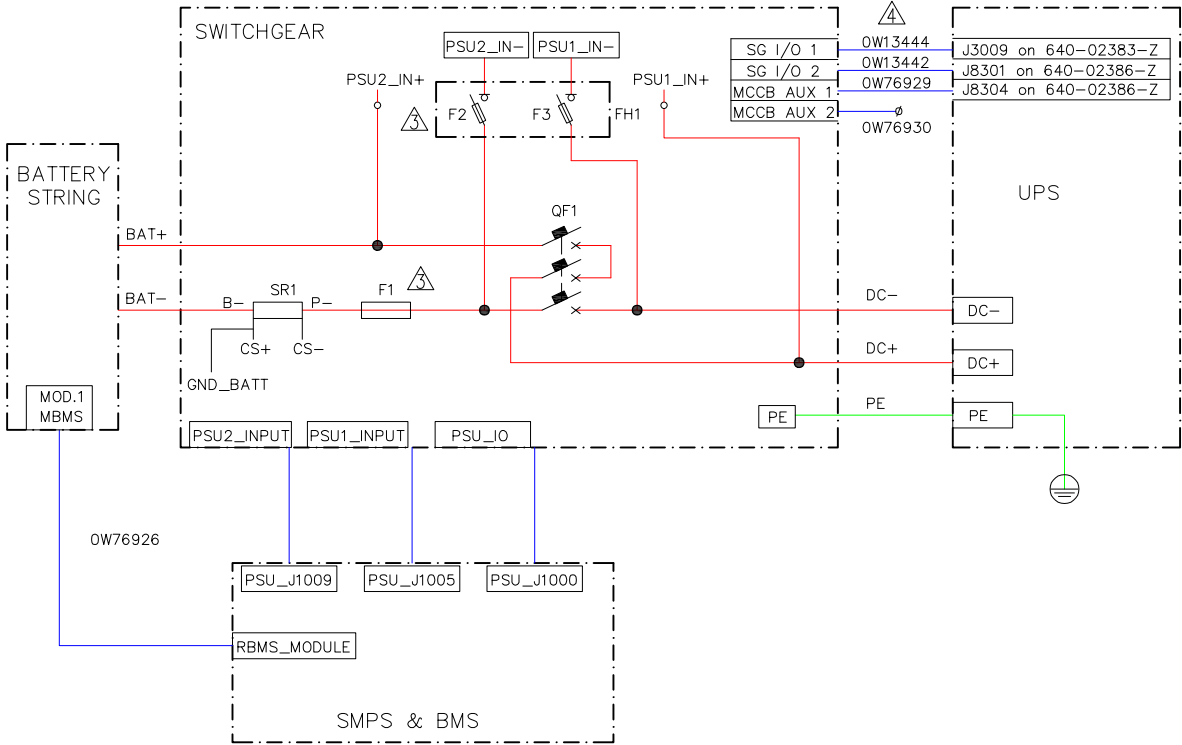
DWG NO: LIBSESMGEMUIEC
DRAWN: TRASSIA
ENGINEER: KINGYOO ZHANG

PROJECT: SUBMITTAL DRAWINGS SHEET 5 OF 11

23-MAY-25
26-MAY-25
APPROVED: RICK ZHANG

REV. 1
ANGLE
PROJECTION
N.A.

SYSTEM DIAGRAM



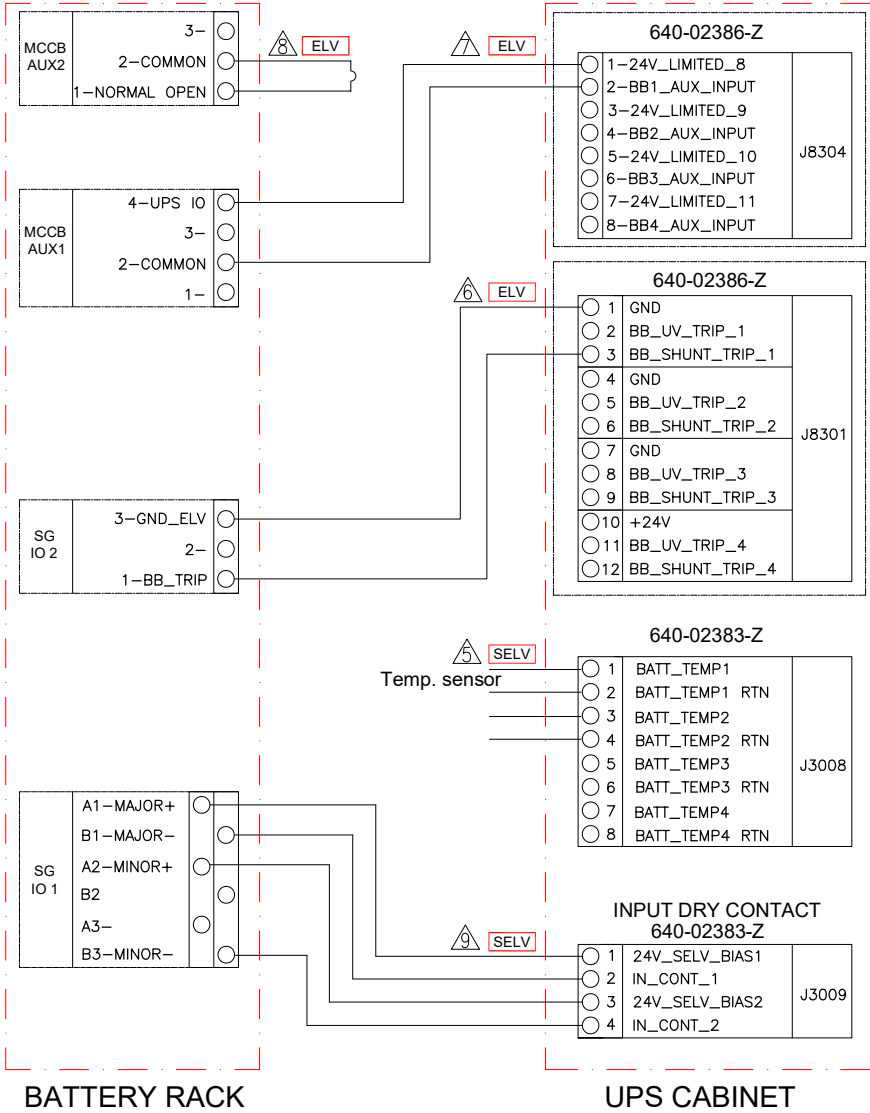
LEGEND:

CONTROL CABLE —
POWER CABLE —

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.
- ⚠ F1 FUSE TYPE: Merson MPN PC33UD69V500A or LITTLEFUSE MPN PSR033DS0500X WITH 500A 600Vdc 100KAIC.
F2 & F3 FUSE TYPE: LITTLEFUSE MPN OSPF003.T OR EQUIVALENT WITH 3A 1000Vdc 20KAIC.
- ⚠ COMMUNICATION CABLES OF 5 Meter LENGTH ARE PROVIDED WITH THE BATTERY RACK.
FOR REQUIREMENT OF ANY ADDITIONAL LENGTH OF CABLES, OPTIONAL COMMUNICATION CABLE KIT LIBSEOPT001 WITH 25 Meter CABLE LENGTH IS AVAILABLE FOR PROCUREMENT.
- ⚠ INSTALL THE TEMPERATURE SENSOR SP3OPT006, WHICH IS AN OPTIONAL KIT AND NOT PROVIDED WITH THE UPS.
- ⚠ USE THE PROVIDED OW13444 TO CONNECT UPS BB_TRIP CONTACT. REMOVE CONNECTOR AT THE END TO UPS AND CONNECT WIRE TO UPS ACCORDING TO DIAGRAM HERE.
- ⚠ USE THE PROVIDED OW76929 TO CONNECT MCCB AUX 1 TO UPS. REMOVE CONNECTOR AT THE END TO UPS AND CONNECT WIRE TO UPS ACCORDING TO DIAGRAM HERE.
- ⚠ USE THE PROVIDED OW76930 TO CONNECT MCCB AUX 2 CONTACT.
- ⚠ USE THE PROVIDED OW13444 TO CONNECT MAJOR AND MINOR FAULT CONTACTS. SET THE UPS INPUT DRY CONTACT 1 TO INDICATE WHEN THE EXTERNAL ENERGY STORAGE MONITORING DETECTS A MAJOR FAULT AND SET THE UPS INPUT DRY CONTACT 2 TO INDICATE WHEN THE EXTERNAL ENERGY STORAGE MONITORING DETECTS A MINOR FAULT. REMOVE CONNECTOR AT THE END TO UPS AND CONNECT WIRE TO UPS ACCORDING TO DIAGRAM HERE.
10. THE SYSTEM BMS IS LOCATED IN BATTERY RACK 1 ONLY.

INTERFACE DETAILS FOR Easy UPS 3-Phase Modular WHEN
ONE BATTERY RACK CONNECTED TO UPS



NOTE:
MAXIMUM 4 NUMBERS OF LIB RACKS
CAN BE CONNECTED DIRECTLY

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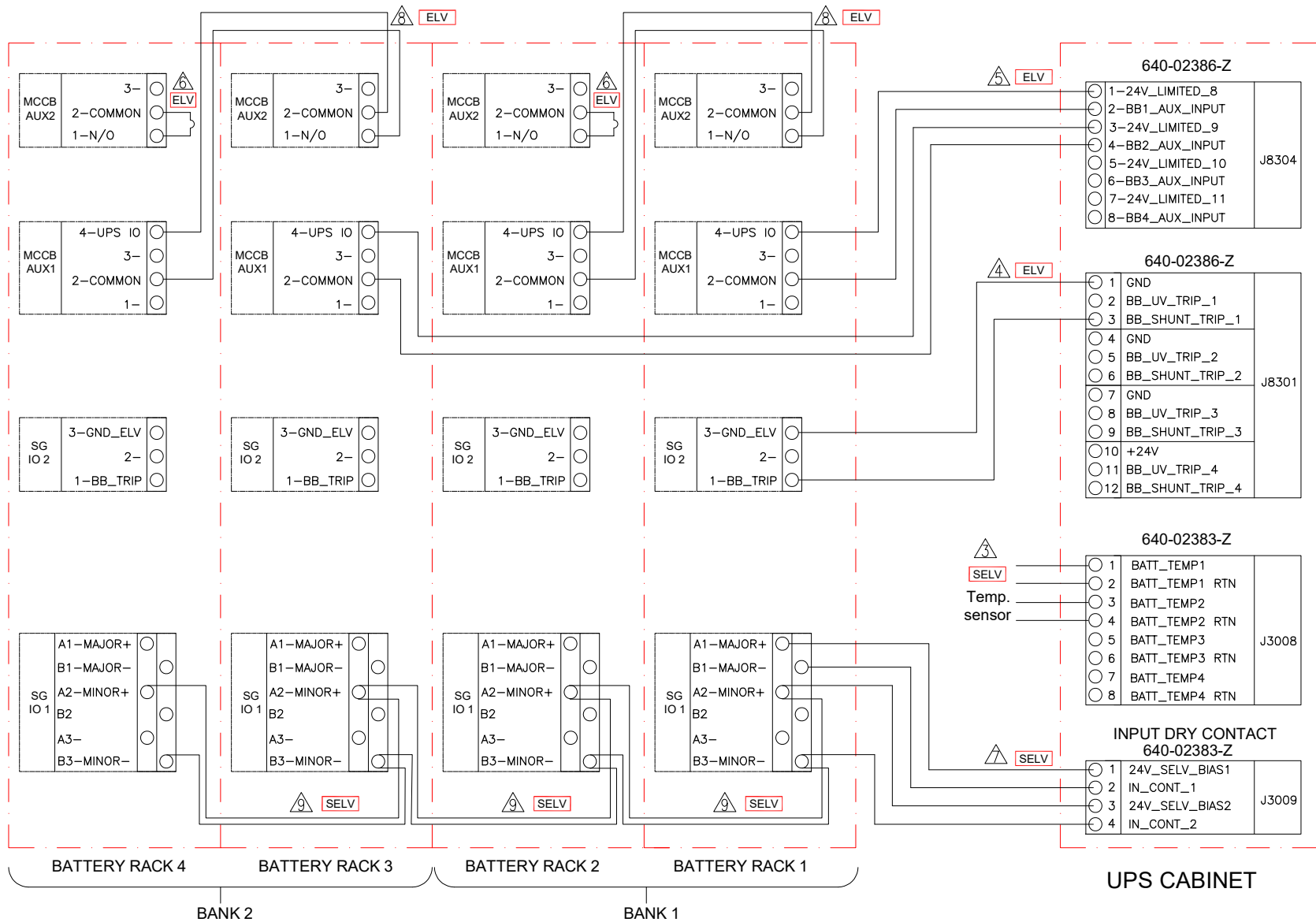
Schneider Electric

TITLE: Galaxy Lithium-ion Battery cabinet
For Easy UPS 3-Phase Modular, IEC
SYSTEM DIAGRAM &
INTERFACE DETAILS-1 RACK

DWG NO: LIBSESMGEMUIEC
DRAWN: TRASSIA
ENGINEER: KINGYOO ZHANG
APPROVED: RICK ZHANG

REV. 1
ANGLE PROJECTION
N.A.

INTERFACE DETAILS FOR Easy UPS 3-Phase Modular WHEN 4 BATTERY RACKS CONNECTED TO UPS DIRECTLY



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. INSTALL THE TEMPERATURE SENSOR SP3OPT006, WHICH IS AN OPTIONAL KIT AND NOT PROVIDED WITH THE UPS.
4. USE THE PROVIDED OW13442 TO CONNECT UPS BB_TRIP CONTACT. REMOVE CONNECTOR AT THE END TO UPS AND CONNECT WIRE TO UPS ACCORDING TO DIAGRAM HERE.
5. USE THE PROVIDED OW76929 TO CONNECT MCCB AUX 1 (THE FIRST ONE RACK OF A BANK) TO UPS. REMOVE CONNECTOR AT THE END TO UPS AND CONNECT WIRE TO UPS ACCORDING TO DIAGRAM HERE.
6. USE THE PROVIDED OW76930 TO CONNECT MCCB AUX 2 CONTACT FOR LAST RACK IN EACH BANK.
7. USE THE PROVIDED OW13444 TO CONNECT MAJOR AND MINOR FAULT CONTACTS. SET THE UPS INPUT DRY CONTACT 1 TO INDICATE WHEN THE EXTERNAL ENERGY STORAGE MONITORING DETECTS A MAJOR FAULT AND SET THE UPS INPUT DRY CONTACT 2 TO INDICATE WHEN THE EXTERNAL ENERGY STORAGE MONITORING DETECTS A MINOR FAULT. REMOVE CONNECTOR AT THE END TO UPS AND CONNECT WIRE TO UPS ACCORDING TO DIAGRAM HERE.
8. USE THE PROVIDED OW76934 TO CONNECT MCCB AUX SIGNALS IN SERIES.
9. USE THE PROVIDED OW76972 TO CONNECT MINOR FAULT ALARM CONTACTS.
10. THE SYSTEM BMS IS LOCATED IN BATTERY RACK 1 ONLY.

CONFIGURATION WITH 4 BATTERY RACKS (2RACK / BANK) SHOWN FOR ILLUSTRATION

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TITLE:
Galaxy Lithium-ion Battery cabinet
For Easy UPS 3-Phase Modular, IEC
INTERFACE DETAILS-4 RACKS

PROJECT: SUBMITTAL DRAWINGS SHEET 7 OF 11

DWG NO: LIBSESMGEMUIEC

DRAWN: TRASSIA 23-MAY-25

ENGINEER: KINGYOO ZHANG 26-MAY-25

APPROVED: RICK ZHANG 26-MAY-25

REV. 1

ANGLE

PROJECTION

N.A.

BBB
(GVBBB630EL-2CB)



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. INSTALL THE TEMPERATURE SENSOR SP3OPT006, WHICH IS AN OPTIONAL KIT AND NOT PROVIDED WITH THE UPS.
4. USE THE PROVIDED 0W13442 TO CONNECT UPS BB_TRIP CONTACT. REMOVE CONNECTOR AT THE END TO UPS AND CONNECT WIRE TO UPS ACCORDING TO DIAGRAM HERE.
5. USE THE PROVIDED 0W76929 TO CONNECT MCCB AUX 1 (THE FIRST ONE RACK OF A BANK) TO UPS. REMOVE CONNECTOR AT THE END TO UPS AND CONNECT WIRE TO UPS ACCORDING TO DIAGRAM HERE.
6. USE THE PROVIDED 0W76930 TO CONNECT MCCB AUX 2 CONTACT FOR LAST RACK IN EACH BANK.
7. USE THE PROVIDED 0W13444 TO CONNECT MAJOR AND MINOR FAULT CONTACTS. SET THE UPS INPUT DRY CONTACT 1 TO INDICATE WHEN THE EXTERNAL ENERGY STORAGE MONITORING DETECTS A MAJOR FAULT AND SET THE UPS INPUT DRY CONTACT 2 TO INDICATE WHEN THE EXTERNAL ENERGY STORAGE MONITORING DETECTS A MINOR FAULT. REMOVE CONNECTOR AT THE END TO UPS AND CONNECT WIRE TO UPS ACCORDING TO DIAGRAM HERE.
8. USE THE PROVIDED 0W76934 TO CONNECT MCCB AUX SIGNALS IN SERIES.
9. USE THE PROVIDED 0W76972 TO CONNECT MINOR FAULT ALARM CONTACTS.
10. THE SYSTEM BMS IS LOCATED IN BATTERY RACK 1 ONLY.

Schneider Electric

DWG NO: LIPSESMCEMLUEC

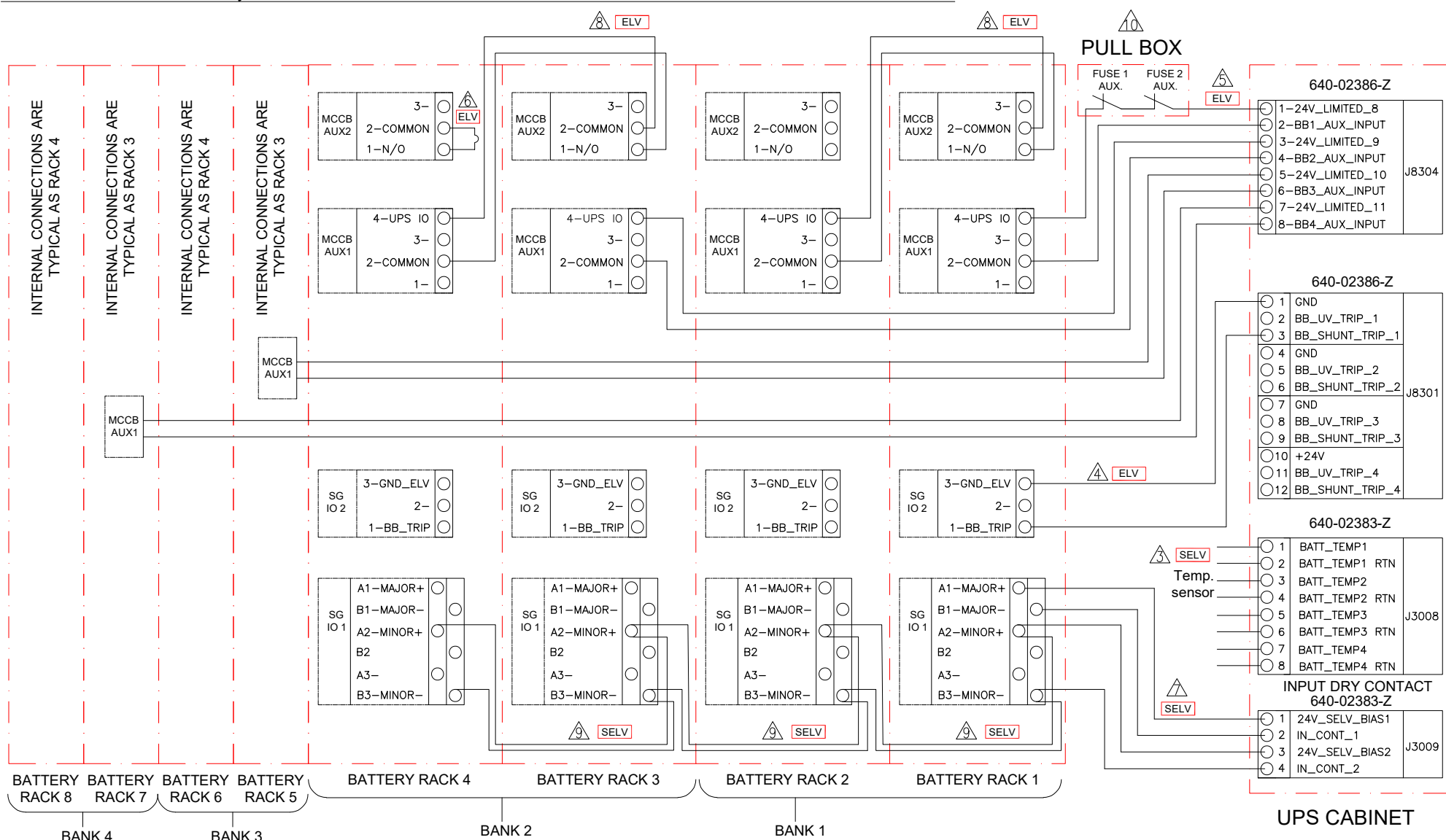
DRAWN:	TRASSIA	23-MAY-25
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11	APPROVED:	RICK ZHANG	26-MAY-25
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REV.	1
ANGLE	
PROJECTION	
N.A	

CONFIGURATION WITH 8 BATTERY RACKS (2RACK / BANK) SHOWN FOR ILLUSTRATION

INTERFACE DETAILS FOR Easy UPS 3-Phase Modular WHEN 8 BATTERY RACKS CONNECTED TO FUSED PULL BOX & UPS



- 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. INSTALL THE TEMPERATURE SENSOR SP3OPT006, WHICH IS AN OPTIONAL KIT AND NOT PROVIDED WITH THE UPS..
 4. USE THE PROVIDED OW13442 TO CONNECT UPS BB_TRIP CONTACT. REMOVE CONNECTOR AT THE END TO UPS AND CONNECT WIRE TO UPS ACCORDING TO DIAGRAM HERE.
 5. USE THE PROVIDED OW76929 TO CONNECT MCCB AUX 1 (THE FIRST ONE RACK OF A BANK) TO UPS. REMOVE CONNECTOR AT THE END TO UPS AND CONNECT WIRE TO UPS ACCORDING TO DIAGRAM HERE.
 6. USE THE PROVIDED OW76930 TO CONNECT MCCB AUX 2 CONTACT FOR LAST RACK IN A BANK.
 7. USE THE PROVIDED OW13444 TO CONNECT MAJOR AND MINOR FAULT CONTACTS. SET THE UPS INPUT DRY CONTACT 1 TO INDICATE WHEN THE EXTERNAL ENERGY STORAGE MONITORING DETECTS A MAJOR FAULT AND SET THE UPS INPUT DRY CONTACT 2 TO INDICATE WHEN THE EXTERNAL ENERGY STORAGE MONITORING DETECTS A MINOR FAULT. REMOVE CONNECTOR AT THE END TO UPS AND CONNECT WIRE TO UPS ACCORDING TO DIAGRAM HERE.
 8. USE THE PROVIDED OW76934 TO CONNECT MCCB AUX SIGNALS IN SERIES.
 9. USE THE PROVIDED OW76972 TO CONNECT MINOR FAULT ALARM CONTACTS.
 10. FOR MORE THAN 8 RACKS, PLEASE CONTACT APPLICATION ENGINEERING TEAM FOR THE REQUIRED CONNECTION METHODS (PULL BOX, FUSED PULL BOX etc).
 11. THE SYSTEM BMS IS LOCATED IN BATTERY RACK 1 ONLY.

CONFIGURATION WITH 8 BATTERY RACKS (2RACK / BANK) SHOWN FOR ILLUSTRATION

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TITLE:
Galaxy Lithium-ion Battery cabinet
For Easy UPS 3-Phase Modular, IEC
INTERFACE DETAILS-8 RACKS WITH PULL BOX

PROJECT: SUBMITTAL DRAWINGS SHEET 9 OF 11

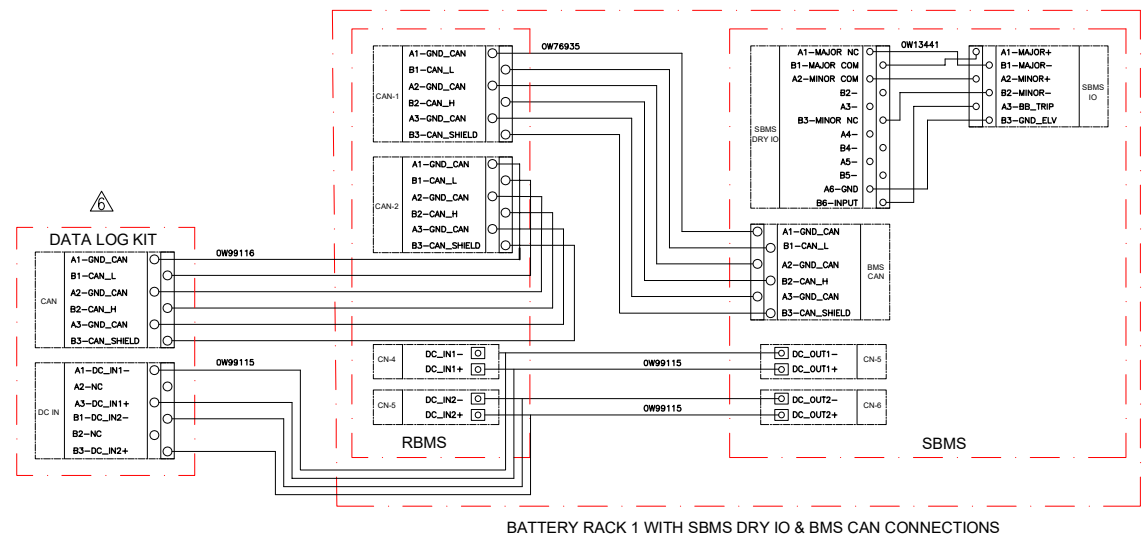
DWG NO: LIBSESMGEMUIEC

DRAWN: TRASSIA 23-MAY-25
ENGINEER: KINGYOO ZHANG 26-MAY-25
APPROVED: RICK ZHANG 26-MAY-25

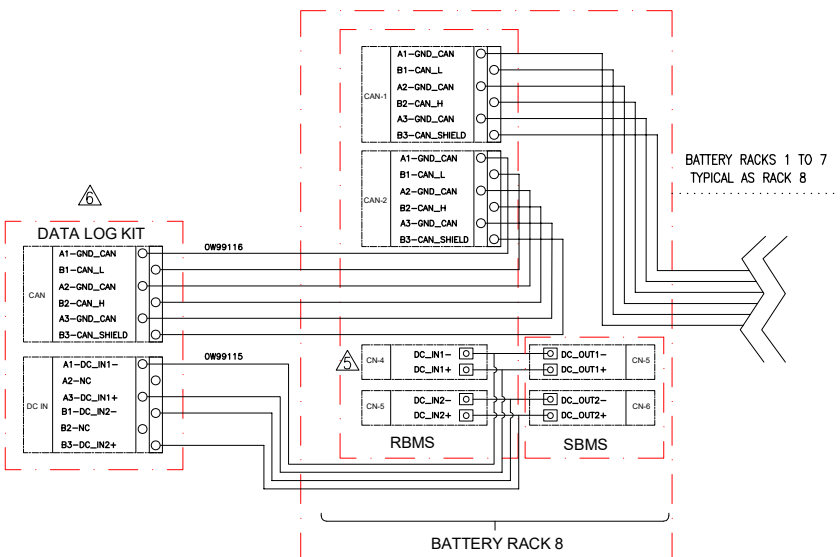
REV. 1

ANGLE PROJECTION
N.A.

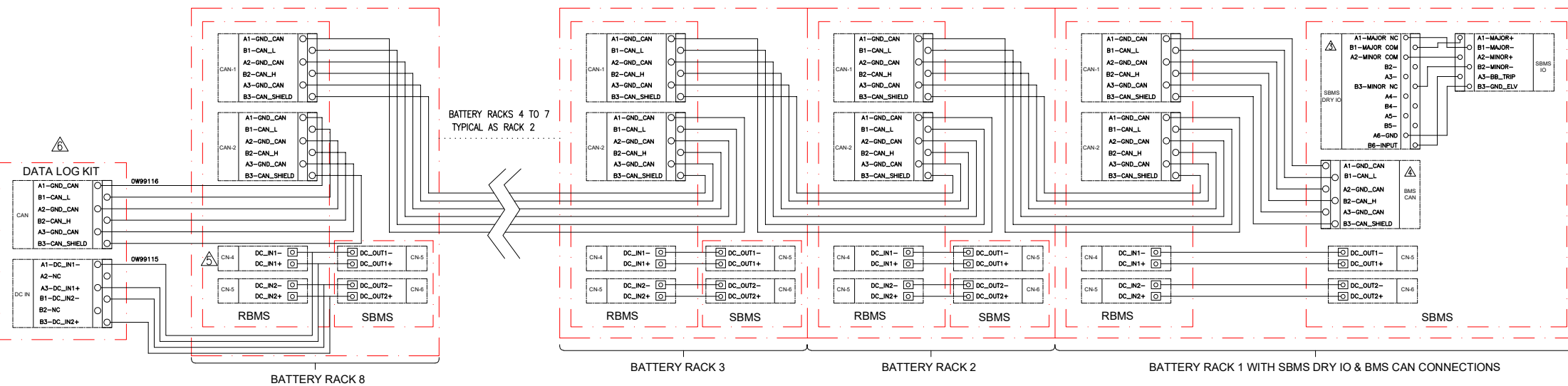
BMS WIRING DETAILS FOR ONE BATTERY RACK



BMS WIRING DETAILS UP TO EIGHT BATTERY RACKS WITH OPIONAL DATA KIT



BMS WIRING DETAILS UP TO EIGHT BATTERY RACKS



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. **SBMS DRY IO** IS CONNECTED IN BATTERY RACK 1 ONLY.
4. **SBMS CAN** IS CONNECTED IN BATTERY RACK 1 ONLY.
5. SLIDE THE **CAN** BUS LOOP TERMINATION RESISTOR SWITCH TO **ON** POSITION IN THE LAST ONE BATTERY RACK.
6. DATA LOG KIT IS OPTIONAL, THE KIT NUMBER IS LIBSEDTABMSIEC, FOR MORE THAN ONE LIB CABINET CONNECTION DATA KIT MUST BE IN THE LAST RACK ONLY.

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TITLE: Galaxy Lithium-ion Battery cabinet For Easy UPS 3-Phase Modular, IEC INTERFACE DETAILS-SBMS TO RBMS

DWG NO: LIBSESMGEMUIEC

ENGINEER: KINGYOO ZHANG

APPROVED: RICK ZHANG

PROJECT: SUBMITTAL DRAWINGS SHEET 10 OF 11

REV. 1

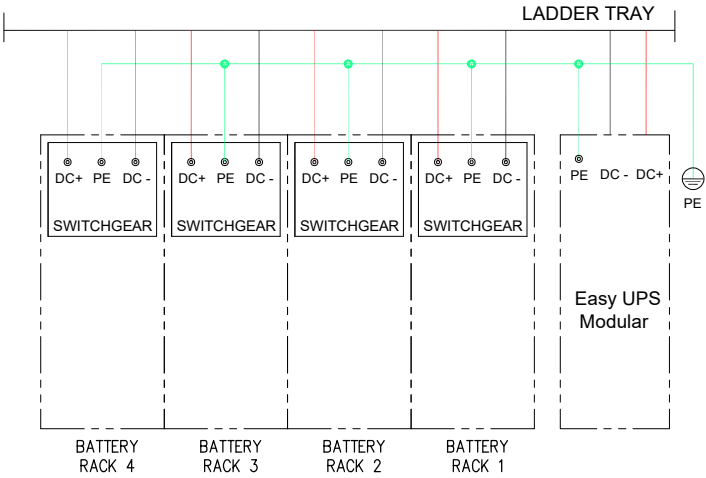
ANGLE PROJECTION

23-MAY-25

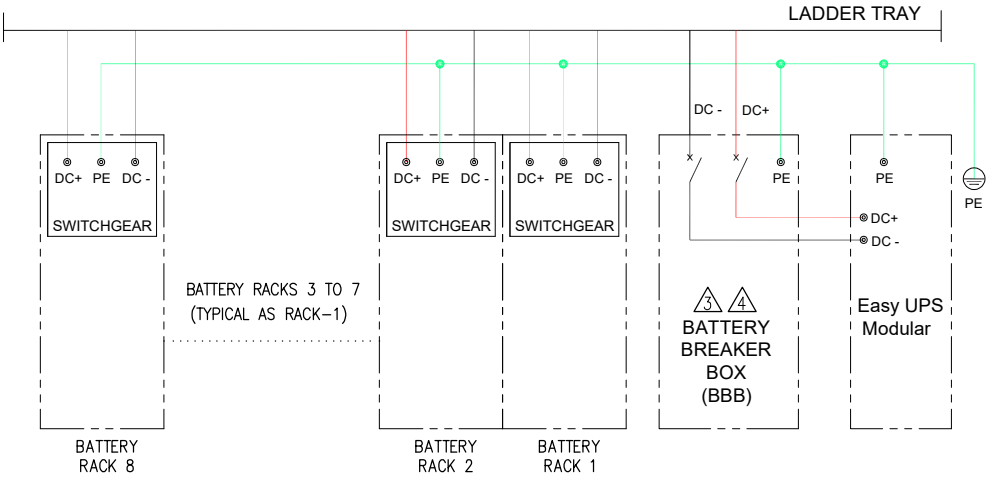
26-MAY-25

26-MAY-25

SCHEMATIC DIAGRAM - POWER, FOR Easy UPS 3-Phase Modular WHEN
4 BATTERY RACKS CONNECTED WITH LADDER TRAY



SCHEMATIC DIAGRAM - POWER, FOR Easy UPS 3-Phase Modular WHEN 8 BATTERY
RACKS CONNECTED WITH LADDER TRAY & BBB TO UPS



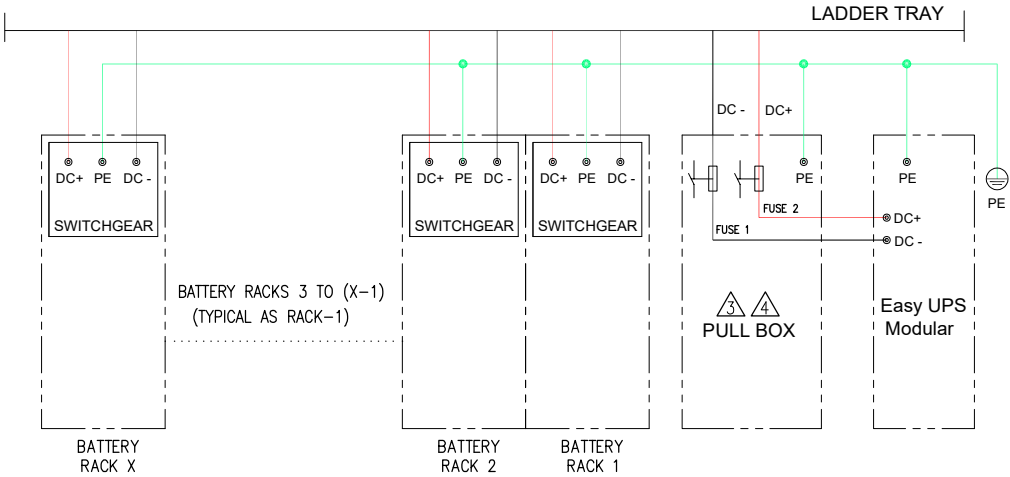
ELECTRICAL DATA

SKU Number/Model	LIBSESMG16IEC	LIBSESMG17IEC
Number of Battery Modules	16	17
Number of Type-A Battery Modules	8	8
Number of Type-B Battery Modules	8	9
Number of Battery cells in a string	128	136
Nominal Energy (kWh)	32.6	34.6
Nominal Battery Voltage (VDC)	486	517
Nominal capacity (Ah)	67	67
Charge current rate (CA rate)	0.7	0.7
Float charge Voltage (VDC)	537	571
End of discharge Voltage (VDC)	384	408
Maximum continuous discharge power (kW)	173	184
Peak current at end of discharge (A)	450	450
Short circuit rating RMS value (kA)	2.9	2.9

The recommended cable size is 185mm²/350kcmil

Easy UPS 3Ph Modular LIB configuration		
UPS Rating (kW)	Voltage (Vac)	Modules/string
50	380/400/415	16 or 17
100	380/400/415	16 or 17
150	380/400/415	16 or 17
200	380/400/415	16 or 17
250	380/400/415	16 or 17

SCHEMATIC DIAGRAM - POWER, FOR Easy UPS 3-Phase Modular WHEN MORE THAN 8
BATTERY RACKS CONNECTED WITH LADDER TRAY & PULL BOX TO UPS



NOTE:

Li-ion Battery rack's short circuit rating RMS value is 2.9kA per rack and Easy UPS 3-Phase Modular limit is 25kA.

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. REFER TO PAGE-8 AND 9 FOR MORE DETAILS REGARDING CONNECTIONS AND CONFIGURATIONS.
4. PULL BOX IS REQUIRED TO CONNECT FOR MORE THAN 8 BATTERY RACKS CONFIGURATION. CONTACT SCHNEIDER ELECTRIC APPLICATION ENGINEERING TEAM FOR PULL BOX DETAILS WHICH IS AN ENGINEER TO ORDER (ETO) SKU AND NOT PROVIDED WITH THE STANDARD PRODUCT.

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Schneider Electric

TITLE:
Galaxy Lithium-ion Battery cabinet
For Easy UPS 3-Phase Modular, IEC
SCHEMATIC DIAGRAM

DWG NO: LIBSESMGEMUIEC

REV. 1

DRAWN: TRASSIA 23-MAY-25

ANGLE

ENGINEER: KINGYOO ZHANG 26-MAY-25

PROJECTION

PROJECT: SUBMITTAL DRAWINGS SHEET 11 OF 11

APPROVED: RICK ZHANG 26-MAY-25

N.A