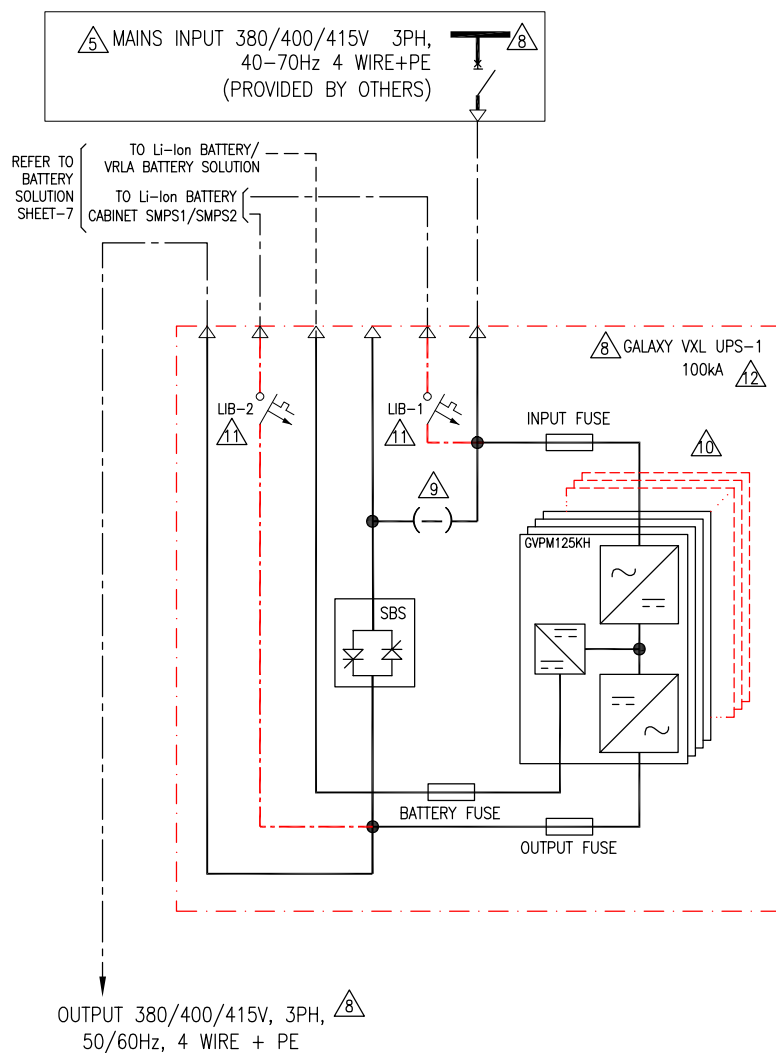
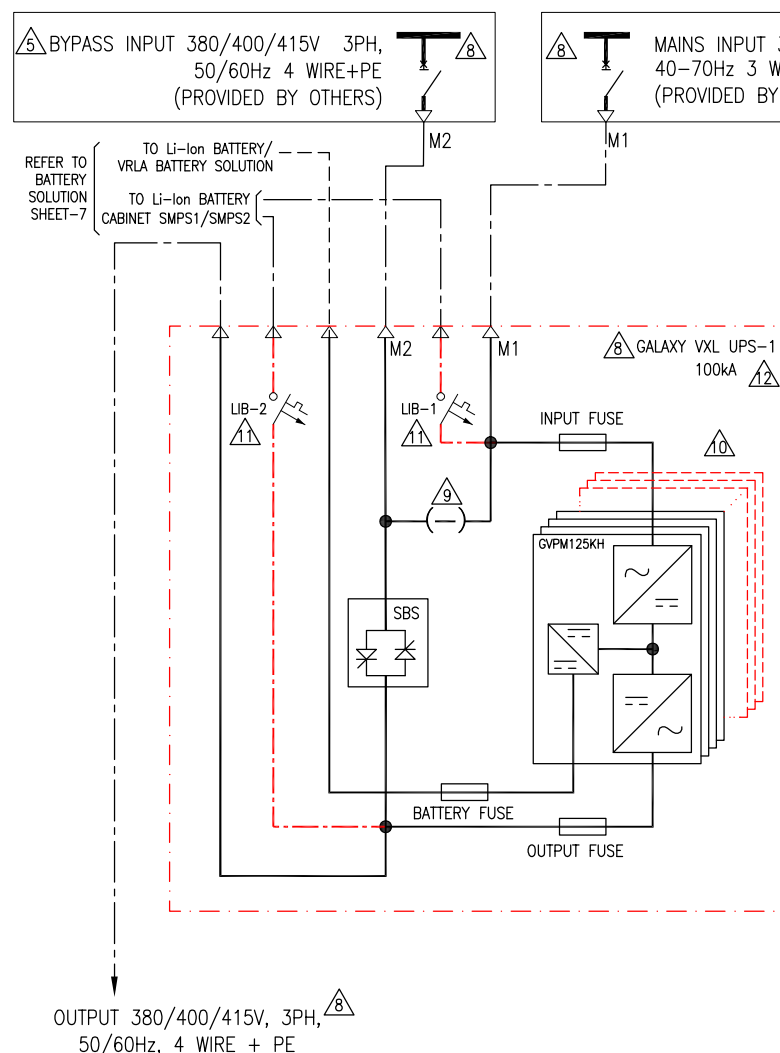


1 UPS – SINGLE MAINS TOP ENTRY



1 UPS – DUAL MAINS TOP ENTRY



LEGEND:

- AC CABLE (PROVIDED BY OTHERS)
- AC CABLE (OPTIONAL)
- 600VDC CABLE (PROVIDED BY OTHERS)

NOTE: 1) THE NUMBER OF OUTPUT CONNECTIONS MUST MATCH THE NUMBER OF BYPASS CONNECTIONS IN A DUAL MAINS SYSTEM
2) BOTH MAINS AND BYPASS SOURCE SHOULD SHARE THE SAME NEUTRAL AND PE.

NOTES:

1. INSTALLATION SHALL COMPLY WITH ALL APPLICABLE LOCAL AND NATIONAL ELECTRICAL CODES.
2. REFER TO PRODUCT INSTALLATION DOCUMENTATION FOR SITE PREPARATIONS.
3. DRAWING DEPICTS POWER SYSTEM CONNECTIONS AND IS NOT REPRESENTATIVE OF PHYSICAL LAYOUT.
4. FINAL SELECTIONS ARE RESPONSIBILITY OF ENGINEER OF RECORDS BASED ON INSTALLED CONDITIONS AND SCC/SELECTIVE CO-ORDINATION/ARC-FLASH ANALYSIS.
5. REFER TO THE USER MANUAL FOR EARTHING DIAGRAMS OF SPECIFIC EARTHING SYSTEM REQUIREMENTS RELATED TO N CONNECTION. POWER DISTRIBUTION SYSTEMS TT, TN, TNC, TN-S, TNC-S ARE SUPPORTED. (NEUTRAL CONNECTION IS MANDATORY FOR SUPPORTED TT EARTHING SYSTEM)
6. DC CABLE RATINGS ARE SUPPLIED AS GUIDELINE RECOMMENDATION ONLY AND SHOULD NOT BE CONSIDERED SUBSTITUTED FOR REVIEW. COMPLIANCE WITH NATIONAL OR LOCAL ELECTRICAL CODES. CONSULT YOUR LICENSED ENGINEER OF RECORDS FOR SITE-SPECIFIC "10MS L/R TIME CONSTANT CALCULATIONS (V_DROP 1VMIN)" FOR OVER-CURRENT PROTECTION AND RUNTIMES.
7. CABLE LUGS ARE PROVIDED BY OTHERS.
8. FOR SKU#, SPECIFICATIONS AND RATINGS REFER TO SHEET-9 & 10.
9. APPLICABLE FOR SINGLE MAINS (DEFAULT CONFIGURATION) ONLY, TO BE REMOVED FOR DUAL MAINS.

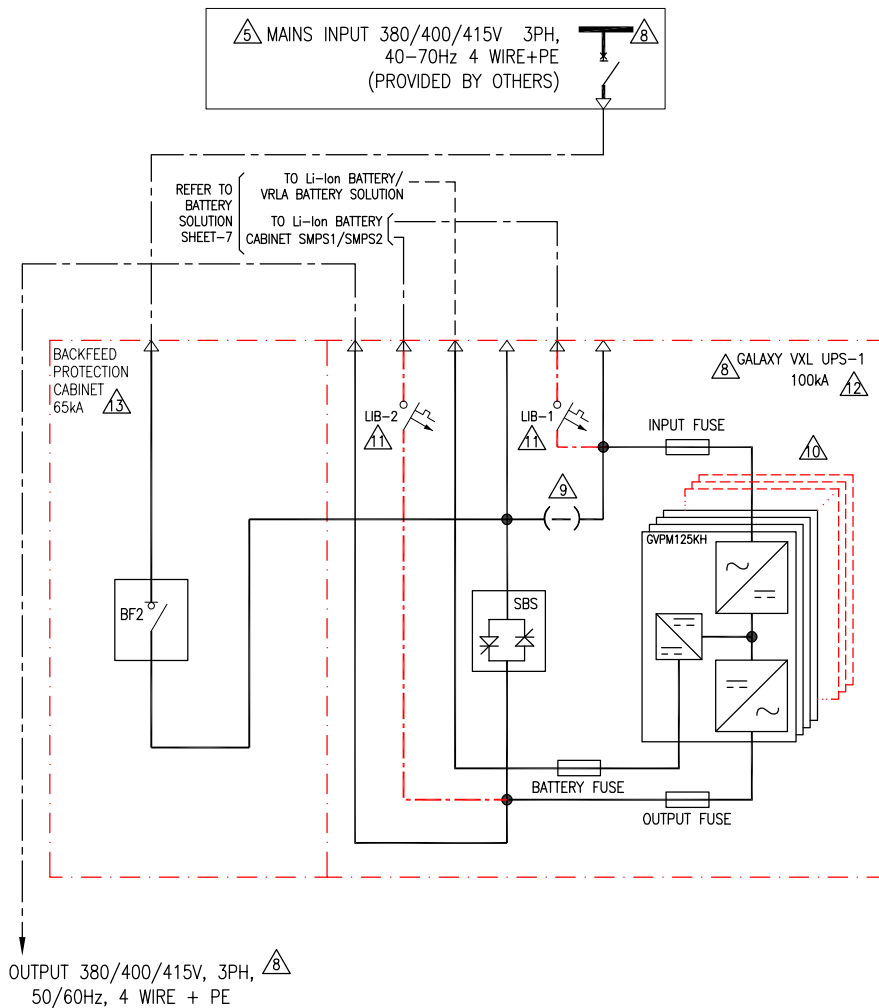
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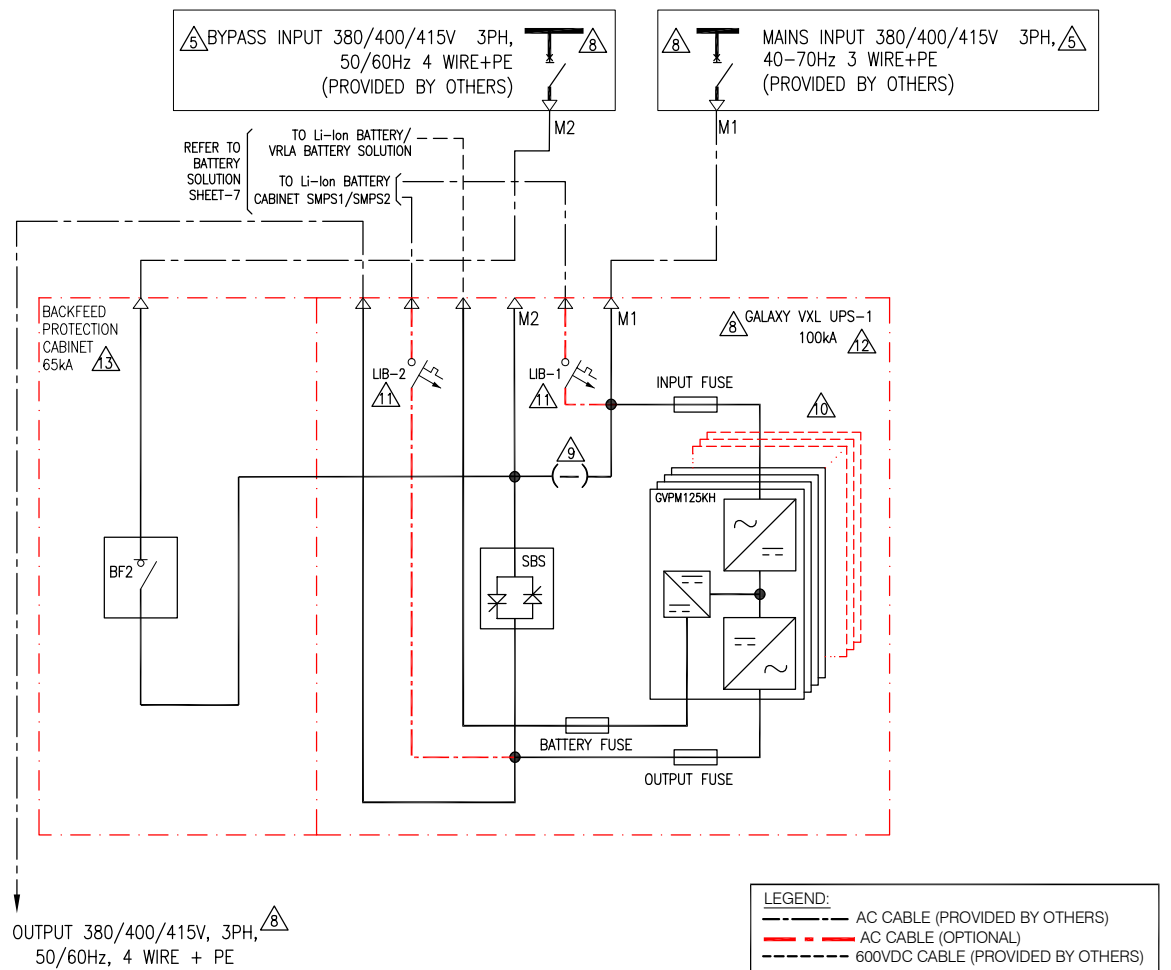
500kW UPS IS SHOWN FOR ILLUSTRATION. EACH POWER MODULE IS RATED FOR 125kW AND THE UPS IS SCALABLE UP TO 1250kW. MAXIMUM OF 4 UPS UNITS CAN BE PARALLELED FOR FULL CAPACITY AND UP TO 4+1 UPS UNITS IN PARALLEL FOR REDUNDANCY. REFER TO SHEET-9 & 10 FOR MORE DETAILS.
LIB-1, LIB-2 ARE OPTIONAL BREAKER KIT (SKU#GVXLOPT004). CONTACT SCHNEIDER ELECTRIC FOR MORE DETAILS.
UPS MAXIMUM KA RATING: INPUT $I_{cc}=100kA$, BYPASS $I_{cw}=100kA$.

TITLE: Galaxy VXL UPS Input: 380/400/415V AC 40-70Hz 3PH SINGLE/DUAL MAINS Output: 380/400/415V AC 3PH 50/60Hz 500-1250KVA 1 UPS WITH BATTERY FOR 4WIRE SYSTEM SYSTEM ONE LINE DIAGRAM (TOP ENTRY)		DWG NO: GVXL500-1250KHS-SD	REV. 3
PROJECT: DRAWINGS	SHEET 1 OF 10	DRAWN: TRASSIA	17-DEC-25
		ENGINEER: ChenLei BAO	19-DEC-25
		APPROVED: Jerry LIU	19-DEC-25
			ANGLE PROJECTION N/A

1 UPS – SINGLE MAINS TOP ENTRY WITH BACKFEED PROTECTION CABINET



1 UPS – DUAL MAINS TOP ENTRY WITH BACKFEED PROTECTION CABINET



LEGEND:

- AC CABLE (PROVIDED BY OTHERS)
- AC CABLE (OPTIONAL)
- 600VDC CABLE (PROVIDED BY OTHERS)

NOTE: 1) THE NUMBER OF OUTPUT CONNECTIONS MUST MATCH THE NUMBER OF BYPASS CONNECTIONS IN A DUAL MAINS SYSTEM
2) BOTH MAINS AND BYPASS SOURCE SHOULD SHARE THE SAME NEUTRAL AND PE.

NOTES:

1. INSTALLATION SHALL COMPLY WITH ALL APPLICABLE LOCAL AND NATIONAL ELECTRICAL CODES.
2. REFER TO PRODUCT INSTALLATION DOCUMENTATION FOR SITE PREPARATIONS.
3. DRAWING DEPICTS POWER SYSTEM CONNECTIONS AND IS NOT REPRESENTATIVE OF PHYSICAL LAYOUT.
4. FINAL SELECTIONS ARE RESPONSIBILITY OF ENGINEER OF RECORDS BASED ON INSTALLED CONDITIONS AND SCC/SELECTIVE CO-ORDINATION/ARC-FLASH ANALYSIS.
5. REFER TO THE USER MANUAL FOR EARTHING DIAGRAMS OF SPECIFIC EARTHING SYSTEM REQUIREMENTS RELATED TO N CONNECTION. POWER DISTRIBUTION SYSTEMS TT, TN, TNC, TN-S, TNC-S ARE SUPPORTED. (NEUTRAL CONNECTION IS MANDATORY FOR SUPPORTED TT EARTHING SYSTEM)
6. DC CABLE RATINGS ARE SUPPLIED AS GUIDELINE RECOMMENDATION ONLY AND SHOULD NOT BE CONSIDERED SUBSTITUTED FOR REVIEW. COMPLIANCE WITH NATIONAL OR LOCAL ELECTRICAL CODES. CONSULT YOUR LICENSED ENGINEER OF RECORDS FOR SITE-SPECIFIC "10MS L/R TIME CONSTANT CALCULATIONS (V_DROP 1VMIN)" FOR OVER-CURRENT PROTECTION AND RUNTIMES.
7. CABLE LUGS ARE PROVIDED BY OTHERS.
8. FOR SKU#, SPECIFICATIONS AND RATINGS REFER TO SHEET-9 & 10.
9. APPLICABLE FOR SINGLE MAINS (DEFAULT CONFIGURATION) ONLY, TO BE REMOVED FOR DUAL MAINS.

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TITLE: Galaxy VXL UPS
Input: 380/400/415V AC 40-70Hz 3PH SINGLE/DUAL MAINS
Output: 380/400/415V AC 3PH 50/60Hz 500-1250KVA
1 UPS WITH BATTERY FOR 4WIRE SYSTEM
SYSTEM ONE LINE DIAGRAM (TOP ENTRY) WITH BFC
PROJECT: DRAWINGS SHEET 2 OF 10

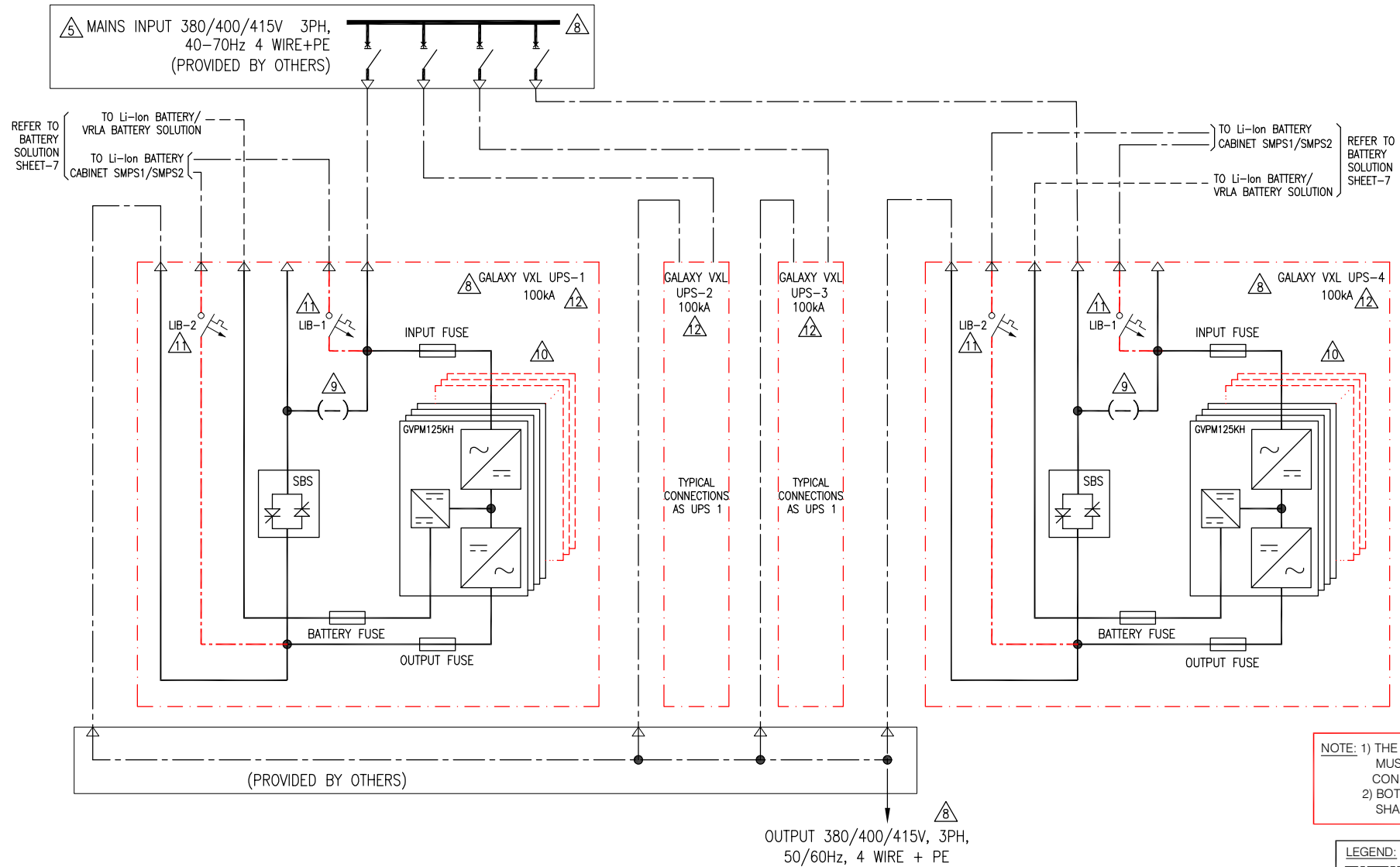
DWG NO: GVXL500-1250KHS-SD
DRAWN: TRASSIA
ENGINEER: ChenLei BAO
APPROVED: Jerry LIU

REV. 0
ANGLE PROJECTION
N/A

- 10. 500kW UPS IS SHOWN FOR ILLUSTRATION. EACH POWER MODULE IS RATED FOR 125kW AND THE UPS IS SCALABLE UP TO 1250kW. MAXIMUM OF 4 UPS UNITS CAN BE PARALLELED FOR FULL CAPACITY AND UP TO 4+1 UPS UNITS IN PARALLEL FOR REDUNDANCY. REFER TO SHEET-9 & 10 FOR MORE DETAILS.
- 11. LIB-1, LIB-2 ARE OPTIONAL BREAKER KIT (SKU#GVXLOPT004). CONTACT SCHNEIDER ELECTRIC FOR MORE DETAILS.
- 12. UPS MAXIMUM KA RATING: INPUT I_{cc} =100kA, BYPASS I_{cw} =100kA.
- 13. FOR BACKFEED PROTECTION CABINET MAXIMUM RMS KA RATING: I_{cc} =65kA.

4 UPS UNITS SYSTEM – SINGLE MAINS TOP ENTRY

4 WIRE SYSTEM



NOTE: 1) THE NUMBER OF OUTPUT CONNECTIONS MUST MATCH THE NUMBER OF BYPASS CONNECTIONS IN A DUAL MAINS SYSTEM
2) BOTH MAINS AND BYPASS SOURCE SHOULD SHARE THE SAME NEUTRAL AND PE.

LEGEND:
 - - - - - AC CABLE (PROVIDED BY OTHERS)
 - - - - - AC CABLE (OPTIONAL)
 - - - - - 600VDC CABLE (PROVIDED BY OTHERS)

NOTES:

1. INSTALLATION SHALL COMPLY WITH ALL APPLICABLE LOCAL AND NATIONAL ELECTRICAL CODES.
 2. REFER TO PRODUCT INSTALLATION DOCUMENTATION FOR SITE PREPARATIONS.
 3. DRAWING DEPICTS POWER SYSTEM CONNECTIONS AND IS NOT REPRESENTATIVE OF PHYSICAL LAYOUT.
 4. FINAL SELECTIONS ARE RESPONSIBILITY OF ENGINEER OF RECORDS BASED ON INSTALLED CONDITIONS AND SCC/SELECTIVE CO-ORDINATION/ARC-FLASH ANALYSIS.
 5. REFER TO THE USER MANUAL FOR EARTHING DIAGRAMS OF SPECIFIC EARTHING SYSTEM REQUIREMENTS RELATED TO N CONNECTION. POWER DISTRIBUTION SYSTEMS TT, TN, TNC, TN-S, TNC-S ARE SUPPORTED. (NEUTRAL CONNECTION IS MANDATORY FOR SUPPORTED TT EARTHING SYSTEM)
 6. DC CABLE RATINGS ARE SUPPLIED AS GUIDELINE RECOMMENDATION ONLY AND SHOULD NOT BE CONSIDERED SUBSTITUTED FOR REVIEW.
- COMPLIANCE WITH NATIONAL OR LOCAL ELECTRICAL CODES. CONSULT YOUR LICENSED ENGINEER OF RECORDS FOR SITE-SPECIFIC "10MS L/R"
- TIME CONSTANT CALCULATIONS (V_DROP 1VMIN)" FOR OVER-CURRENT PROTECTION AND RUNTIMES.
7. CABLE LUGS ARE PROVIDED BY OTHERS.
 8. FOR SKU#, SPECIFICATIONS AND RATINGS REFER TO SHEET-9 & 10.
 9. APPLICABLE FOR SINGLE MAINS (DEFAULT CONFIGURATION) ONLY, TO BE REMOVED FOR DUAL MAINS.

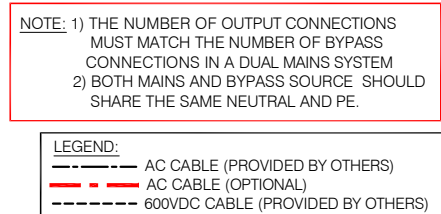
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TITLE: Galaxy VXL UPS
 Input: 380/400/415V AC 40-70Hz 3PH SINGLE/DUAL MAINS
 Output: 380/400/415V AC 3PH 50/60Hz 500-1250kVA
 5 UPS WITH BATTERY FOR 4WIRE SYSTEM
 SYSTEM ONE LINE DIAGRAM (SINGLE MAINS-TOP ENTRY)
 PROJECT: DRAWINGS SHEET 3 OF 10

DWG NO: GVXL500-1250KHS-SD REV. 2
 DRAWN: TRASSIA 17-DEC-25 ANGLE
 ENGINEER: ChenLei BAO 19-DEC-25 PROJECTION
 APPROVED: Jerry LIU 19-DEC-25 N/A

4 WIRE SYSTEM



1. INSTALLATION SHALL COMPLY WITH ALL APPLICABLE LOCAL AND NATIONAL ELECTRICAL CODES.
2. REFER TO PRODUCT INSTALLATION DOCUMENTATION FOR SITE PREPARATIONS.
3. DRAWING DEPICTS POWER SYSTEM CONNECTIONS AND IS NOT REPRESENTATIVE OF PHYSICAL LAYOUT.
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7. CABLE LUGS ARE PROVIDED BY OTHERS.
8. FOR SKU#, SPECIFICATIONS AND RATINGS REFER TO SHEET-9 & 10.
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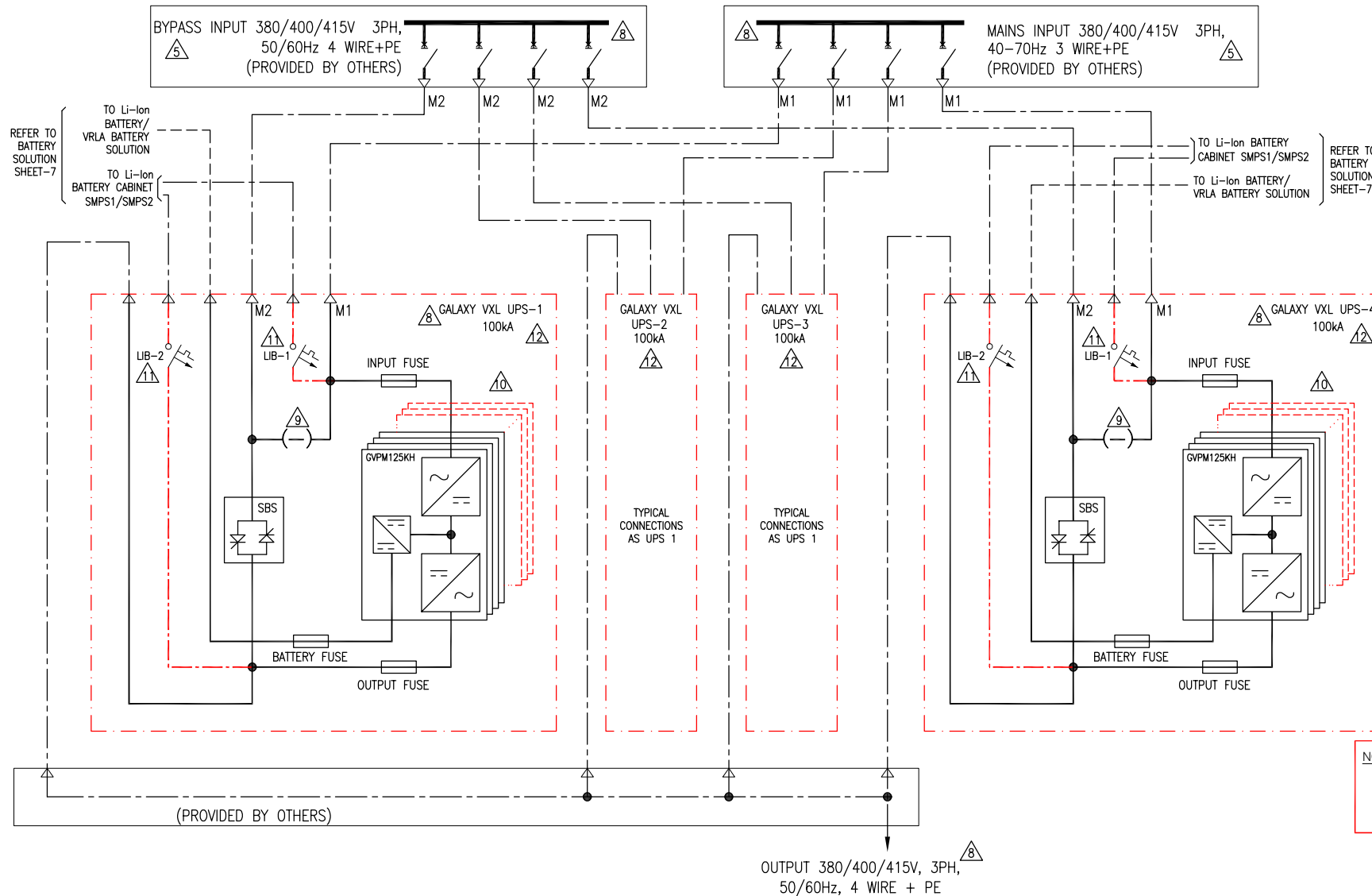
TITLE: Galaxy VXL UPS
Input:380/400/415V AC 40-70Hz 3PH SINGLE/DUAL MAINS
Output:380/400/415V AC 3PH 50/60Hz 500-1250KVA
5 UPS WITH BATTERY FOR 4WIRE SYSTEM
SYSTEM ONE LINE DRAWING (SINGLE MAINS-TOP ENTRY)WITH BI

PROJECT: DRAWINGS **SHEET 4 OF 1**

DWG NO:	GVXL500-1250KHS-SD		REV:	0
DRAWN:	TRASSIA	17-DEC-25	ANGLE	
ENGINEER:	ChenLei BAO	19-DEC-25	PROJECTION	
APPROVED:	Jerry LIU	19-DEC-25	N/A	

4 UPS UNITS SYSTEM – DUAL MAINS TOP ENTRY

4 WIRE SYSTEM



NOTE: 1) THE NUMBER OF OUTPUT CONNECTIONS MUST MATCH THE NUMBER OF BYPASS CONNECTIONS IN A DUAL MAINS SYSTEM
2) BOTH MAINS AND BYPASS SOURCE SHOULD SHARE THE SAME NEUTRAL AND PE.

LEGEND:
 - - - - - AC CABLE (PROVIDED BY OTHERS)
 - - - - - AC CABLE (OPTIONAL)
 - - - - - 600VDC CABLE (PROVIDED BY OTHERS)

NOTES:

1. INSTALLATION SHALL COMPLY WITH ALL APPLICABLE LOCAL AND NATIONAL ELECTRICAL CODES.
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8. CABLE LUGS ARE PROVIDED BY OTHERS.
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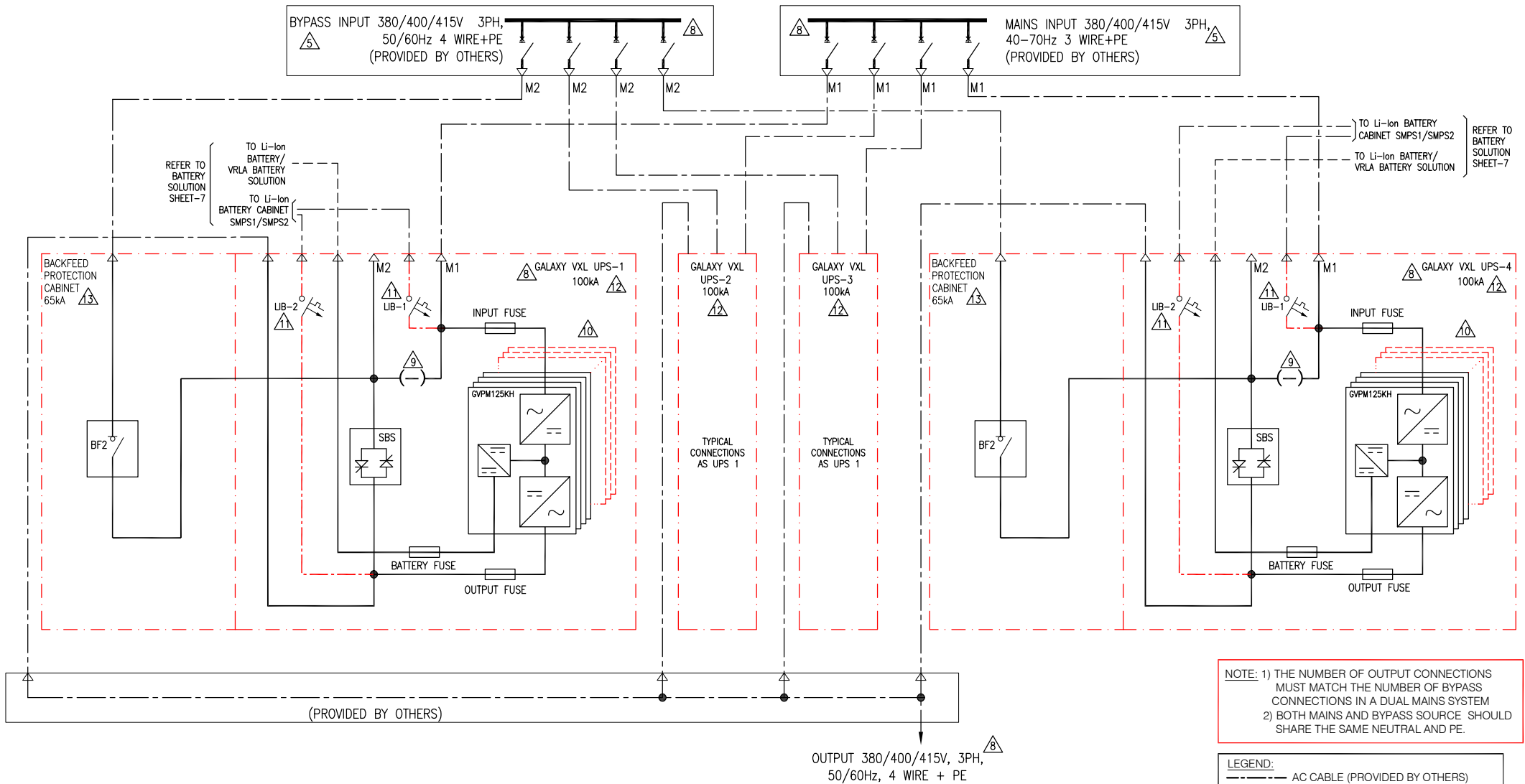
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11. EACH POWER MODULE IS RATED FOR 125kW AND THE UPS IS SCALABLE UP TO 1250kW. MAXIMUM OF 4 UPS UNITS CAN BE PARALLELED FOR FULL CAPACITY AND UP TO 4+1 UPS UNITS IN PARALLEL FOR REDUNDANCY. REFER TO SHEET-9 & 10 FOR MORE DETAILS.
12. LIB-1, LIB-2 ARE OPTIONAL BREAKER KIT (SKU#GVXLOPT004). CONTACT SCHNEIDER ELECTRIC FOR MORE DETAILS.
13. UPS MAXIMUM KA RATING: INPUT Icc=100kA, BYPASS Icw=100kA.
14. CONTACT YOUR LOCAL Schneider Electric SALES REPRESENTATIVE FOR EXTERNAL SWITCHGEAR AVAILABILITY.
15. THE TOTAL CABLE LENGTH FOR BYPASS PATH INPUT/OUTPUT NEEDS TO BE THE SAME FOR PARALLEL SYSTEMS.

TITLE: Galaxy VXL UPS Input:380/400/415V AC 40-70Hz 3PH SINGLE/DUAL MAINS Output:380/400/415V AC 3PH 50/60Hz 500-1250kVA 5 UPS WITH BATTERY FOR 4WIRE SYSTEM SYSTEM ONE LINE DIAGRAM (DUAL MAINS-TOP ENTRY)		DWG NO: GVXL500-1250KHS-SD		REV: 2
PROJECT: DRAWINGS	SHEET 5 OF 10	DRAWN: TRASSIA	17-DEC-25	ANGLE PROJECTION
		ENGINEER: ChenLei BAO	19-DEC-25	N/A
		APPROVED: Jerry LIU	19-DEC-25	

4 UPS UNITS SYSTEM – DUAL MAINS TOP ENTRY WITH BACKFEED PROTECTION CABINET

4 WIRE SYSTEM



NOTES:

1. INSTALLATION SHALL COMPLY WITH ALL APPLICABLE LOCAL AND NATIONAL ELECTRICAL CODES.
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7. CABLE LUGS ARE PROVIDED BY OTHERS.
8. FOR SKU#, SPECIFICATIONS AND RATINGS REFER TO SHEET-9 & 10.
9. APPLICABLE FOR SINGLE MAINS (DEFAULT CONFIGURATION) ONLY, TO BE REMOVED FOR DUAL MAINS.

10. EACH POWER MODULE IS RATED FOR 125kW AND THE UPS IS SCALABLE UP TO 1250kW. MAXIMUM OF 4 UPS UNITS CAN BE PARALLELED FOR FULL CAPACITY AND UP TO 4+1 UPS UNITS IN PARALLEL FOR REDUNDANCY. REFER TO SHEET-9 & 10 FOR MORE DETAILS.
11. LIB-1, LIB-2 ARE OPTIONAL BREAKER KIT (SKU#GVXLOPT004). CONTACT SCHNEIDER ELECTRIC FOR MORE DETAILS.
12. UPS MAXIMUM KA RATING: INPUT $I_{cc}=100kA$, BYPASS $I_{cw}=100kA$.
13. FOR BACKFEED PROTECTION CABINET MAXIMUM RMS KA RATING: $I_{cc}=65kA$.
14. CONTACT YOUR LOCAL Schneider Electric SALES REPRESENTATIVE FOR EXTERNAL SWITCHGEAR AVAILABILITY.
15. THE TOTAL CABLE LENGTH FOR BYPASS PATH INPUT/OUTPUT NEEDS TO BE THE SAME FOR PARALLEL SYSTEMS.

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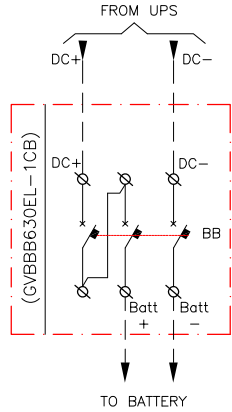
TITLE: Galaxy VXL UPS
Input: 380/400/415V AC 40-70Hz 3PH SINGLE/DUAL MAINS
Output: 380/400/415V AC 3PH 50/60Hz 500-1250KVA
5 UPS WITH BATTERY FOR 4WIRE SYSTEM
SYSTEM ONE LINE DIAGRAM (DUAL MAINS-TOP ENTRY) WITH BFC
PROJECT: DRAWINGS SHEET 6 OF 10

DWG NO: GVXL500-1250KHS-SD
DRAWN: TRASSIA
ENGINEER: ChenLei BAO
APPROVED: Jerry LIU

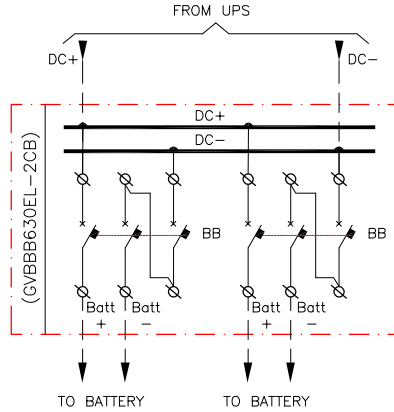
REV: 0
DATE: 17-DEC-25
ANGLE PROJECTION: N/A

BATTERY SOLUTION

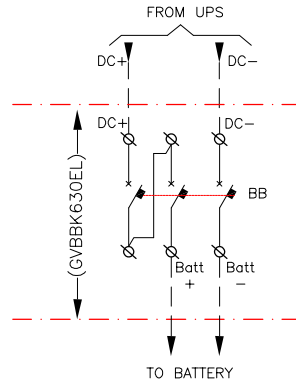
BATTERY BREAKER BOX-1CB
(GVBBB630EL-1CB)



BATTERY BREAKER BOX-2CB
(GVBBB630EL-2CB)



BATTERY BREAKER KIT
(GVBBK630EL)



FOR BBB WITH 1CB

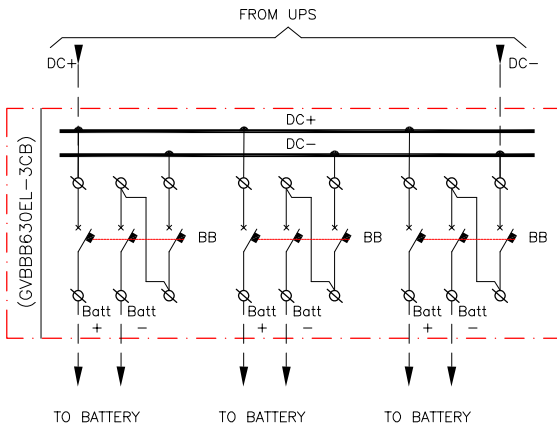
UPS Rating in kW	Number of BBB	Breaker Setting in Amps Δ		Number of Battery blocks (VRLA)
		Im	Ir	
500	3	1500	480	40 - 48
	8	1500	420	
600	3	1500	600	40 - 48
	8	1500	420	
625	3	1500	600	40 - 48
	8	1500	420	
750	4	1500	540	40 - 48
	8	1500	420	
875	4	1500	600	40 - 48
	8	1500	420	
1000	7	1500	420	40 - 48
	8	1500	420	
1125	8	1500	420	40 - 48
	8	1500	420	
1250	8	1500	420	40 - 48
	8	1500	420	

FOR BBB WITH 2CB

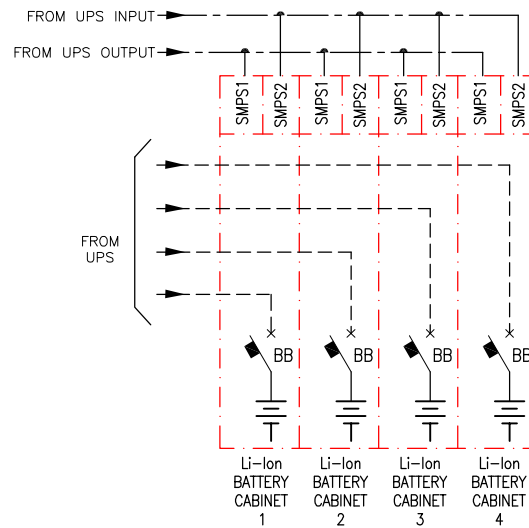
UPS Rating in kW	Number of BBB	Breaker Setting in Amps Δ		Number of Battery blocks (VRLA)
		Im	Ir	
500	1	1500	600	40 - 48
	4	1500	420	
600	2	1500	420	40 - 48
	4	1500	420	
625	2	1500	480	40 - 48
	4	1500	420	
750	2	1500	540	40 - 48
	4	1500	420	
875	2	1500	600	40 - 48
	4	1500	420	
1000	2	1500	600	40 - 48
	4	1500	420	
1125	2	1500	600	40 - 48
	4	1500	420	
1250	4	1500	480	40 - 48
	4	1500	480	

4 WIRE SYSTEM

BATTERY BREAKER BOX-3CB
(GVBBB630EL-3CB)



Li-Ion BATTERY CONFIGURATION-TYPICAL Δ



LEGEND:
--- AC CABLE (PROVIDED BY OTHERS)
--- 600VDC CABLE (PROVIDED BY OTHERS)

FOR BBB WITH 3CB

UPS Rating in kW	Number of BBB	Breaker Setting in Amps Δ		Number of Battery blocks (VRLA)
		Im	Ir	
500	1	1500	480	40 - 48
	2	1500	420	
600	1	1500	600	40 - 48
	2	1500	420	
625	1	1500	600	40 - 48
	2	1500	420	
750	1	1500	600	40 - 48
	2	1500	420	
875	1	1500	600	40 - 48
	2	1500	420	
1000	1	1500	600	40 - 48
	2	1500	480	
1125	2	1500	540	40 - 48
	2	1500	540	
1250	2	1500	600	40 - 48
	2	1500	600	

NOTES:

1. INSTALLATION SHALL COMPLY WITH ALL APPLICABLE LOCAL AND NATIONAL ELECTRICAL CODES.
2. REFER TO PRODUCT INSTALLATION DOCUMENTATION FOR SITE PREPARATIONS.
3. DRAWING DEPICTS POWER SYSTEM CONNECTIONS AND IS NOT REPRESENTATIVE OF PHYSICAL LAYOUT.
4. FINAL SELECTIONS ARE RESPONSIBILITY OF ENGINEER OF RECORDS BASED ON INSTALLED CONDITIONS AND SCC/SELECTIVE CO-ORDINATION/ARC-FLASH ANALYSIS.
5. FOUR CABINETS SHOWN FOR ILLUSTRATION, CONTACT SCHNEIDER ELECTRIC FOR MORE DETAILS.
6. BREAKER SETTING & RUNTIME IS BASED ON 40 BATTERY BLOCKS ESTIMATION, FOR MORE THAN 40 BLOCKS THE BACKUP TIME SHOULD BE LONGER & BREAKER SETTING MUST BE ADJUSTED ACCORDING TO THE CURRENT.
7. FOR OTHER CONFIGURATIONS, CONTACT SCHNEIDER ELECTRIC.

BATTERY SPECIFICATIONS ARE BASED ON VRLA BATTERIES

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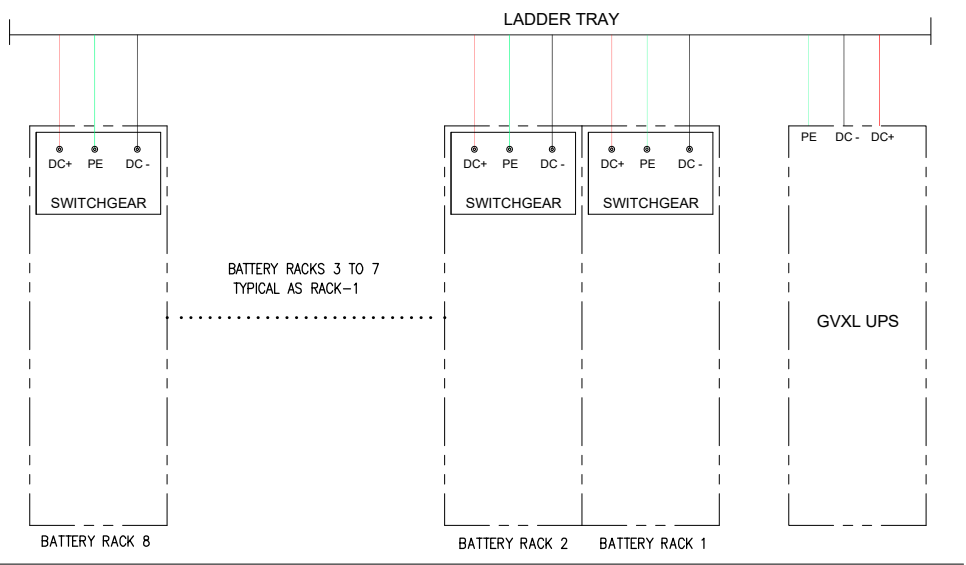
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TITLE: Galaxy VXL UPS
Input:380/400/415V AC 40-70Hz 3PH SINGLE/DUAL MAINS
Output:380/400/415V AC 3PH 50/60Hz 500-1250KVA
UPS WITH BATTERY FOR 4WIRE SYSTEM
SYSTEM ONE LINE DIAGRAM - BATTERY SOLUTION
PROJECT: DRAWINGS SHEET 7 OF 10

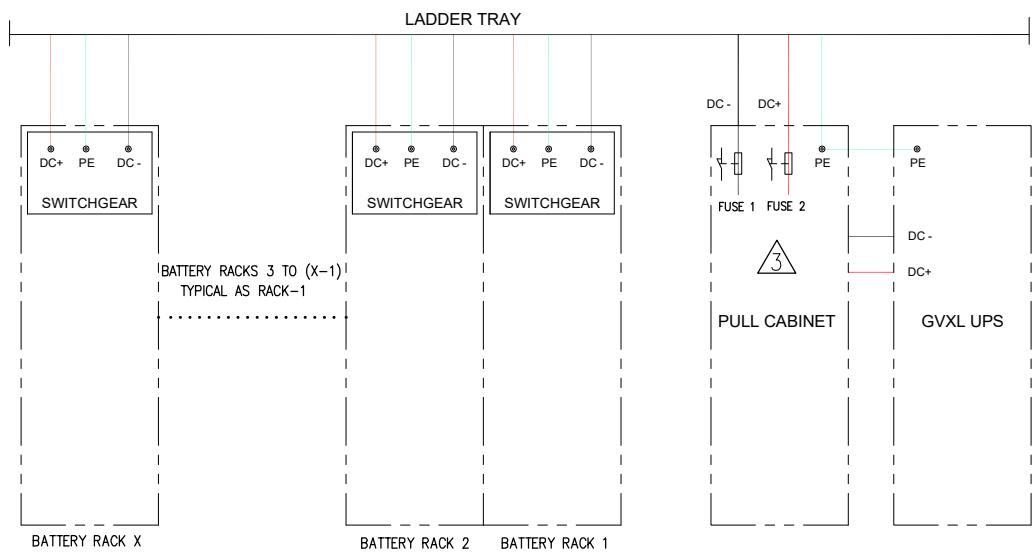
DWG NO: GVXL500-1250KHS-SD
DRAWN: TRASSIA
ENGINEER: ChenLei BAO
APPROVED: Jerry LIU

REV. 1
17-DEC-25
19-DEC-25
N/A

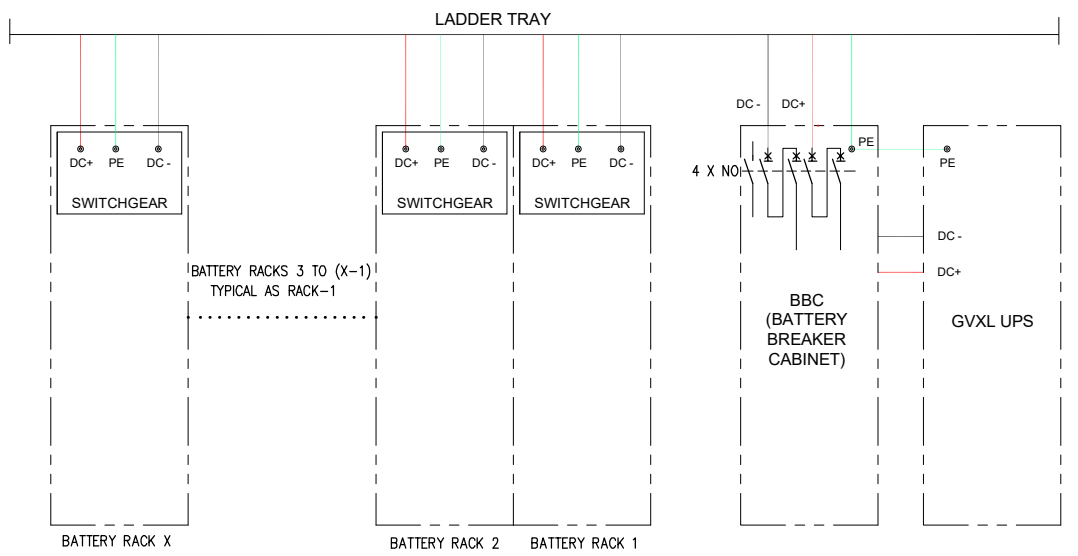
SCHEMATIC DIAGRAM - POWER, FOR GALAXY VXL WHEN 8 BATTERY RACKS CONNECTED WITH LADDER TRAY TO UPS



SCHEMATIC DIAGRAM - POWER, FOR GALAXY VXL WHEN MORE THAN 8 BATTERY RACKS CONNECTED WITH LADDER TRAY & PULL CABINET TO UPS



SCHEMATIC DIAGRAM - POWER, FOR GALAXY VXL WHEN MORE THAN 8 BATTERY RACKS CONNECTED WITH LADDER TRAY & BBC (BATTERY BREAKER CABINET) TO 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.

⚠ Galaxy VXL UPS CAN BE CONFIGURED ONLY WITH LIBSESMG16IEC AND LIBSESMG17IEC. UP TO 8 BATTERY RACKS CAN BE CONNECTED DIRECTLY. PULL CABINET IS REQUIRED TO BE CONNECTED FOR MORE THAN 8 BATTERY RACKS. CONTACT Schneider Electric FOR MORE DETAILS.

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TITLE: Galaxy VXL UPS
Input: 380/400/415V AC 40-70Hz 3PH SINGLE/DUAL MAINS
Output: 380/400/415V AC 3PH 50/60Hz 500-1250KVA
1&6 UPS WITH BATTERY FOR 4WIRE SYSTEM
SCHEMATIC DIAGRAM

PROJECT: DRAWINGS SHEET 8 OF 10

DWG NO:	GVXL500-1250KHS-SD	REV:	2
DRAWN:	TRASSIA	17-DEC-25	ANGLE
ENGINEER:	ChenLei BAO	19-DEC-25	PROJECTION
APPROVED:	Jerry LIU	19-DEC-25	N/A

4 WIRE SYSTEM

GALAXY VXL SINGLE 4–WIRE SYSTEM, 380/400/415V AC IN, 380/400/415V AC OUT UPS – SYSTEM SITE PLANNING DATA										
SINGLE MAINS INPUT: 380/400/415V AC, 40–70Hz 3PH, 4 WIRE (L1,L2,L3,N,PE) DUAL MAINS INPUT: 380/400/415V AC,40–70Hz 3PH, 3 WIRE+PE BYPASS INPUT: 380/400/415V AC, 50/60Hz, 3PH, 4 WIRE (L1,L2,L3,N, PE) OUTPUT:380/400/415V AC, 50/60Hz, 3PH, 4WIRE (L1,L2,L3,N,PE) NOMINAL DC VOLTAGE: 480V DC @ 40 BLOCKS BATTERY OPTIONS: LI–ION BATTERY/ BATTERY BREAKER BOX/KIT (FOR THIRD PARTY BATTERY SOLUTION)										
UPS SKU/CR NUMBER	DEFAULT POWER MODULES (125kW)	UPS RATING (kW)	APPLICABLE NUMBER OF POWER MODULES	NUMBER OF REDUNDANT POWER MODULE (125kW)	NOMINAL MAINS INPUT CURRENT (A) @ 380/400/415V AC	MAXIMUM MAINS INPUT CURRENT (A) @ 380/400/415V AC	BYPASS INPUT CURRENT (A) @ 380/400/415V AC	UPS/ SYSTEM OUTPUT CURRENT (A) @ 380/400/415V AC	BATTERY CURRENT (A DC)	
									@FULL LOAD AND NOMINAL BATTERY VOLTAGE	@FULL LOAD AND MINIMUM BATTERY VOLTAGE
GVXL500K1250HS	4	500	4	0	785/746/719	951/931/898	768/729/703	760/722/696	1083	1354
			5	1						
GVXL600K600HS		600	5	0	942/895/863	1189/1163/1122	921/875/844	912/867/835	1300	1625
GVXL625K1250HS		625	5	0	981/932/899	1189/1163/1122	960/912/879	950/903/870	1354	1692
			6	1						
GVXL750K1250HS		750	6	0	1178/1119/1078	1426/1396/1347	1152/1094/1054	1140/1083/1044	1625	2031
			7	1						
GVXL875K1250HS		875	7	0	1374/1305/1258	1664/1628/1571	1343/1276/1230	1330/1263/1218	1895	2369
			8	1						
GVXL1000K1250HS		1000	8	0	1570/1492/1438	1902/1861/1796	1535/1458/1406	1520/1444/1392	2166	2708
			9	1						
GVXL1125K1250HS		1125	9	0	1766/1678/1617	2139/2094/2020	1727/1641/1581	1710/1624/1566	2437	3046
			10	1						
GVXL1250KHS		1250	10	0	1962/1864/1797	2377/2326/2244	1919/1823/1757	1900/1805/1740	2708	3384

GALAXY VXL PARALLEL 4–WIRE SYSTEM, 1250KW – 5000KW, 380/400/415V AC IN , 380/400/415V AC OUT UPS – SYSTEM SITE PLANNING DATA									
SINGLE MAINS INPUT: 380/400/415V AC, 40–70Hz 3PH, 4 WIRE(L1,L2,L3,N,PE) DUAL MAINS INPUT: 380/400/415V AC,40–70Hz 3PH, 3 WIRE+PE BYPASS INPUT: 380/400/415V AC, 50/60Hz, 3PH, 4 WIRE(L1,L2,L3,N,PE) OUTPUT: 380/400/415V AC, 50/60Hz, 3PH, 4 WIRE(L1,L2,L3,N, PE) NOMINAL DC VOLTAGE: 480V DC @ 40 BLOCKS BATTERY OPTIONS: LI–ION BATTERY/ BATTERY BREAKER BOX/KIT (FOR THIRD PARTY BATTERY SOLUTION)									
UPS SKU/CR NUMBER	TOTAL NUMBER OF UPS IN THE SYSTEM	REDUANDANCY NUMBER OF UPS IN THE SYSTEM	SYSTEM OUTPUT CAPACITY (kVA)	NOMINAL MAINS INPUT CURRENT (A) @ 380/400/415V AC	MAXIMUM MAINS INPUT CURRENT (A) @ 380/400 /415V AC	NOMINAL BYPASS INPUT CURRENT (A) @ 380/400/415V AC	NOMINAL OUTPUT CURRENT (A) @ 380/ 400/415V AC	BATTERY CURRENT (A DC)	
								@FULL LOAD CURRENT AND NOMINAL BATTERY VOLTAGE	@FULL LOAD CURRENT AND MINIMUM BATTERY VOLTAGE
GVXL1250KHS	1	0	1250	1962/1864/1797	2377/2326/2244	1919/1823/1757	1900/1805/1740	2708	3384
	1+1	1	1250	1962/1864/1797	2377/2326/2244	1919/1823/1757	1900/1805/1740	2708	3384
	2	0	2500	3924/3728/3594	4754/4652/4488	3838/3646/3514	3800/3610/3480	–	–
	2+1	1	2500	3924/3728/3594	4754/4652/4488	3838/3646/3514	3800/3610/3480	–	–
	3	0	3750	5886/5592/5391	7131/6978/6732	5757/5469/5271	5700/5415/5220	–	–
	3+1	1	3750	5886/5592/5391	7131/6978/6732	5757/5469/5271	5700/5415/5220	–	–
	4	0	5000	7848/7456/7188	9508/9304/8976	7676/7292/7028	7600/7220/6960	–	–
	4+1	1	5000	7848/7456/7188	9508/9304/8976	7676/7292/7028	7600/7220/6960	–	–

CONTACT YOUR LOCAL Schneider Electric SALES REPRESENTATIVE FOR EXTERNAL SWITCHGEAR AVAILABILITY

- NOTES:
1. INSTALLATION SHALL COMPLY WITH ALL APPLICABLE LOCAL AND NATIONAL ELECTRICAL CODES.
 2. REFER TO PRODUCT INSTALLATION DOCUMENTATION FOR SITE PREPARATIONS.
 3. FINAL SELECTIONS ARE RESPONSIBILITY OF ENGINEER OF RECORDS BASED ON INSTALLED CONDITIONS AND SCC/SELECTIVE CO–ORDINATION/ARC–FLASH ANALYSIS.
 4. REFER TO THE USER MANUAL FOR EARTHING DIAGRAMS OF SPECIFIC EARTHING SYSTEM REQUIREMENTS RELATED TO N CONNECTION.


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TITLE: Galaxy VXL UPS
 Input:380/400/415V AC 40–70Hz 3PH SINGLE/DUAL MAINS
 Output:380/400/415V AC 3PH 50/60Hz 500–1250kVA
 1&6 UPS WITH BATTERY FOR 4WIRE SYSTEM
 SYSTEM ONE LINE DIAGRAM – SITE PLANNING DATA 1
 PROJECT: DRAWINGS | SHEET 9 OF 10


DWG NO: GVXL500–1250KHS–SD
 DRAWN: TRASSIA
 ENGINEER: ChenLei BAO
 APPROVED: Jerry LIU

REV. 1
 17–DEC–25
 19–DEC–25
 19–DEC–25
 ANGLE PROJECTION
 N/A

GALAXY VXL SINGLE 4-WIRE SYSTEM, 500KW 380/400/415V AC IN , 380/400/415V AC OUT UPS – SYSTEM SITE PLANNING DATA						
SINGLE MAINS INPUT : 380/400/415V AC, 40–70Hz 3PH, 4 WIRE(L1,L2,L3,N,PE) DUAL MAINS INPUT : 380/400/415V AC,40–70Hz 3PH, 3 WIRE+PE BYPASS INPUT: 380/400/415V AC, 50/60Hz, 3PH, 4 (L1,L2,L3,N,PE) OUTPUT: 380/400/415V AC, 50/60Hz, 3PH, 4 WIRE (L1,L2,L3,N,PE) NOMINAL DC VOLTAGE: 480V DC @ 40 BLOCKS BATTERY OPTIONS: LI-ION BATTERY/ BATTERY BREAKER BOX/KIT (FOR THIRD PARTY BATTERY SOLUTION)						
UPS_SKU/CR NUMBER	RECOMMENDED OVER CURRENT PROTECTION DEVICE WITH TRIP UNIT MAKE: SCHNEIDER ELECTRIC					
	MAINS INPUT MODEL NUMBER/ PART NUMBER / Ir / tr at 6 Ir / Isd			BYPASS INPUT MODEL NUMBER/ PART NUMBER / Ir / tr / Isd 		BATTERY BREAKER MODEL NUMBER/ PART NUMBER
	380V AC	400V AC	415V AC	380V AC	400V AC	415V AC
GVXL500K1250HS	MTZ2 10 H2 3P OR 4P D/O OR F+MIC5.0X+_+			MTZ2 10 H2 3P OR 4P D/O OR F+MIC5.0X+_+		
	951 / 0.5–24 / 1.5–10	931 / 0.5–24 / 1.5–10	898 / 0.5–24 / 1.5–10	845 / 0.5–24 / 1.5–10	802 / 0.5–24 / 1.5–10	774 / 0.5–24 / 1.5–10
GVXL600K1250HS	MTZ2 12 H2 3P OR 4P D/O OR F+MIC5.0X+_+			MTZ2 12 H2 3P OR 4P D/O OR F+MIC5.0X+_+	MTZ2 10 H2 3P OR 4P D/O OR F+MIC5.0X+_+	
	1189 / 0.5–24 / 1.5–10	1163 / 0.5–24 / 1.5–10	1122 / 0.5–24 / 1.5–10	1014 / 0.5–24 / 1.5–10	963 / 0.5–24 / 1.5–10	929 / 0.5–24 / 1.5–10
GVXL625K1250HS	MTZ2 12 H2 3P OR 4P D/O OR F+MIC5.0X+_+			MTZ2 12 H2 3P OR 4P D/O OR F+MIC5.0X+_+	MTZ2 10 H2 3P OR 4P D/O OR F+MIC5.0X+_+	
	1189 / 0.5–24 / 1.5–10	1163 / 0.5–24 / 1.5–10	1122 / 0.5–24 / 1.5–10	1056 / 0.5–24 / 1.5–10	1000 / 0.5–24 / 1.5–10	967 / 0.5–24 / 1.5–10
GVXL750K1250HS	MTZ2 16 H2 3P OR 4P D/O OR F+MIC5.0X+_+			MTZ2 12 H2 3P OR 4P D/O OR F+MIC5.0X+_+		
	1426 / 0.5–24 / 1.5–10	1396 / 0.5–24 / 1.5–10	1347 / 0.5–24 / 1.5–10	1250 / 0.5–24 / 1.5–10	1204 / 0.5–24 / 1.5–10	1160 / 0.5–24 / 1.5–10
GVXL875K1250HS	MTZ2 16 H2 3P OR 4P D/O OR F+MIC5.0X+_+			MTZ2 16 H2 3P OR 4P D/O OR F+MIC5.0X+_+		
	1600 / 0.5–24 / 1.5–10	1600 / 0.5–24 / 1.5–10	1571 / 0.5–24 / 1.5–10	1478 / 0.5–24 / 1.5–10	1404 / 0.5–24 / 1.5–10	1353 / 0.5–24 / 1.5–10
GVXL1000K1250HS	MTZ2 20 H2 3P OR 4P D/O OR F+MIC5.0X+_+			MTZ2 20 H2 3P OR 4P D/O OR F+MIC5.0X+_+	MTZ2 16 H2 3P OR 4P D/O OR F+MIC5.0X+_+	
	1902 / 0.5–24 / 1.5–10	1861 / 0.5–24 / 1.5–10	1796 / 0.5–24 / 1.5–10	1689 / 0.5–24 / 1.5–10	1600 / 0.5–24 / 1.5–10	1547 / 0.5–24 / 1.5–10
GVXL1125K1250HS	MTZ2 25 H2 3P OR 4P D/O OR F+MIC5.0X+_+		MTZ2 20 H2 3P OR 4P D/O OR F+MIC5.0X+_+	MTZ2 20 H2 3P OR 4P D/O OR F+MIC5.0X+_+		
	2139 / 0.5–24 / 1.5–10	2094 / 0.5–24 / 1.5–10	2000 / 0.5–24 / 1.5–10	1900 / 0.5–24 / 1.5–10	1806 / 0.5–24 / 1.5–10	1740 / 0.5–24 / 1.5–10
GVXL1250KHS	MTZ2 25 H2 3P OR 4P D/O OR F+MIC5.0X+_+			MTZ2 25 H2 3P OR 4P D/O OR F+MIC5.0X+_+	MTZ2 20 H2 3P OR 4P D/O OR F+MIC5.0X+_+	
	2377 / 0.5–24 / 1.5–10	2326 / 0.5–24 / 1.5–10	2244 / 0.5–24 / 1.5–10	2111 / 0.5–24 / 1.5–10	2000 / 0.5–24 / 1.5–10	1933 / 0.5–24 / 1.5–10

NOTES:

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3. FINAL SELECTIONS ARE RESPONSIBILITY OF ENGINEER OF RECORDS BASED ON INSTALLED CONDITIONS AND SCC/SELECTIVE CO–ORDINATION/ARC–FLASH ANALYSIS.
4. REFER TO THE USER MANUAL FOR EARTHING DIAGRAMS OF SPECIFIC EARTHING SYSTEM REQUIREMENTS RELATED TO N CONNECTION.

 FOR 112% CONTINUES OVERLOAD SETTING, CONTACT SCHNEIDER ELECTRIC FOR BREAKER RECOMMENDATION.

Isd, Tr, I2t and li MUST BE SET ON THE BREAKERS DURING START–UP.

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Input:380/400/415V AC 40–70Hz 3PH SINGLE/DUAL MAINS
Output:380/400/415V AC 3PH 50/60Hz 500–1250KVA
1&6 UPS WITH BATTERY FOR 4WIRE SYSTEM
SYSTEM ONE LINE DIAGRAM – SITE PLANNING DATA 2
PROJECT: DRAWINGS | SHEET 10 OF 10

DWG NO: GVXL500–1250KHS–SD
DRAWN: TRASSIA 17–DEC–25
ENGINEER: ChenLei BAO 19–DEC–25
APPROVED: Jerry LIU 19–DEC–25

REV. 2
ANGLE PROJECTION
N/A