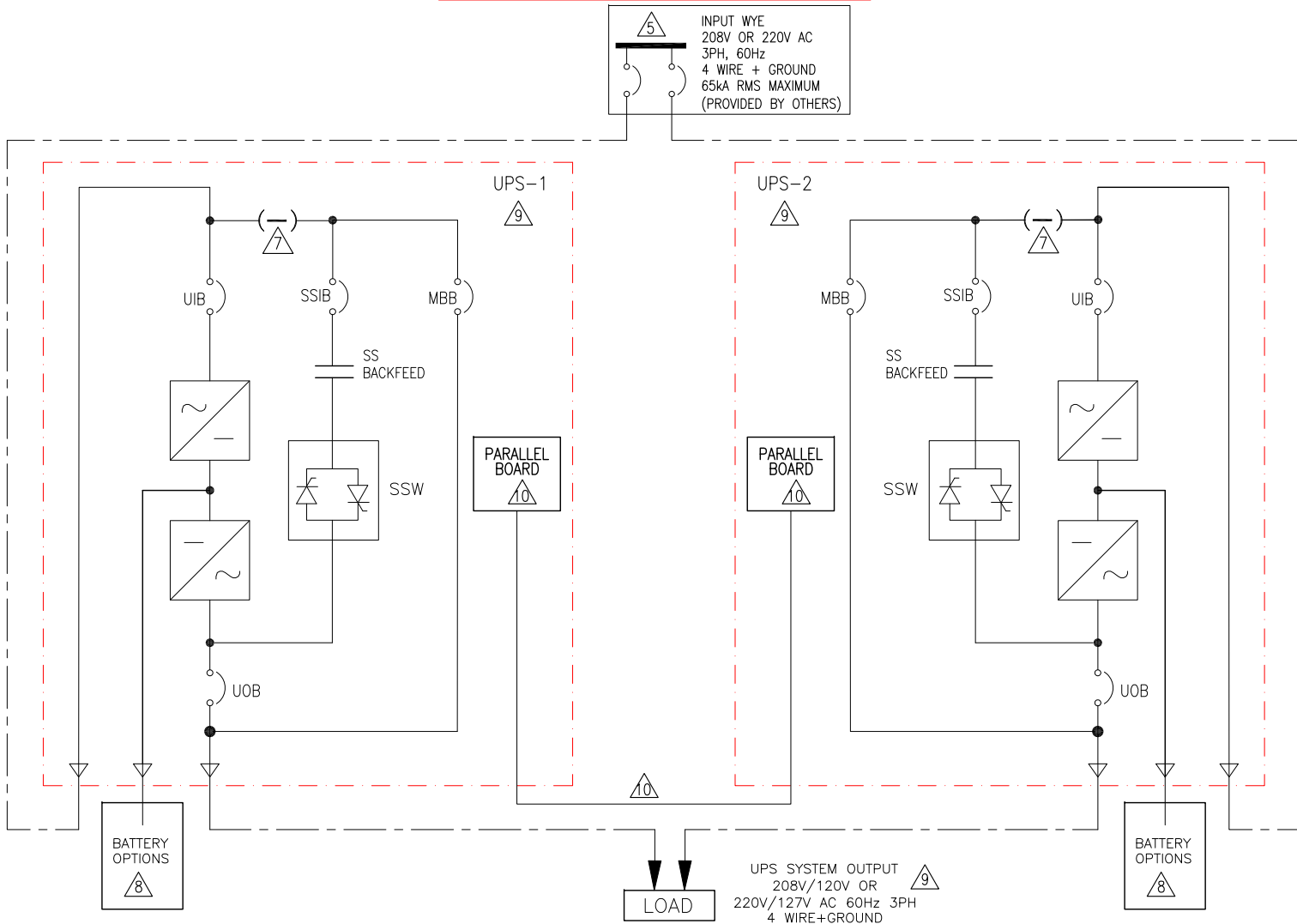


SINGLE MAINS WITH BOTTOM ENTRY



$\Delta 5$
 INPUT WYE
 208V OR 220V AC
 3PH, 60Hz
 4 WIRE + GROUND
 65kA RMS MAXIMUM
 (PROVIDED BY OTHERS)

UPS-1

UPS-2

PARALLEL BOARD
 $\Delta 10$

PARALLEL BOARD
 $\Delta 10$

BATTERY OPTIONS
 $\Delta 8$

BATTERY OPTIONS
 $\Delta 8$

UPS SYSTEM OUTPUT
 208V/120V OR
 220V/127V AC 60Hz 3PH
 4 WIRE+GROUND
 $\Delta 9$

NOTES:

1. INSTALLATION SHALL COMPLY WITH ALL APPLICABLE NATIONAL, STATE AND LOCAL CODES.
2. REFER TO PRODUCT DOCUMENTATION FOR ADDITIONAL DETAILS PRIOR TO INSTALLATION AND SITE PREPARATION WORK.
3. DRAWING DEPICTS POWER SYSTEM CONNECTIONS AND IS NOT REPRESENTATIVE OF PHYSICAL LAYOUT, PLEASE REFER TO MECHANICAL DRAWINGS FOR PHYSICAL LAYOUT.
4. MAXIMUM SHORT CIRCUIT CURRENT IS 65kA.
- $\Delta 5$. MAINS INPUT TO BE 208V OR 220V AC 3PH WYE 4 WIRE+GROUND, EITHER SOLIDLY OR HIGH RESISTANCE GROUNDED, (CONTACT Schneider Electric IF OTHER).
6. OUTPUT CABLE LENGTHS FOR LOAD SHALL BE THE SAME. CONNECT UPS-1 AND UPS-2 OUTPUT DIRECTLY TO THE LOAD.
- $\Delta 7$. DUAL MAINS CONFIGURATION IS A DEFAULT. FOR SINGLE MAINS CONFIGURATION USE SINGLE MAINS KIT (0M-99058) SUPPLIED WITH THE UPS. REFER TO INSTALLATION MANUAL.
- $\Delta 8$. FOR BATTERY CONFIGURATIONS REFER TO SHEET-5.
- $\Delta 9$. FOR TECHNICAL SPECIFICATION, SKU NUMBERS ETC., REFER TO SHEET-5.
- $\Delta 10$. PARALLEL BUS CABLE IS PROVIDED (SKU: GUPXCK50P LENGTH: 23 FEET). FOR PARALLEL BUS CONNECTION REFER TO INSTALLATION MANUAL.
11. Schneider Electric RECOMMENDS TEMPERATURE RATING OF CONDUCTORS AT 90°C(194°F), REFERENCE TABLE 310.15(B)(16) OF NEC 75°C COLUMN, USE STANDARD COPPER CONDUCTORS (75°C(167°F) CABLE TERMINAL CONNECTORS ASSUMED).
12. CABLE LUGS ARE NOT PROVIDED.

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

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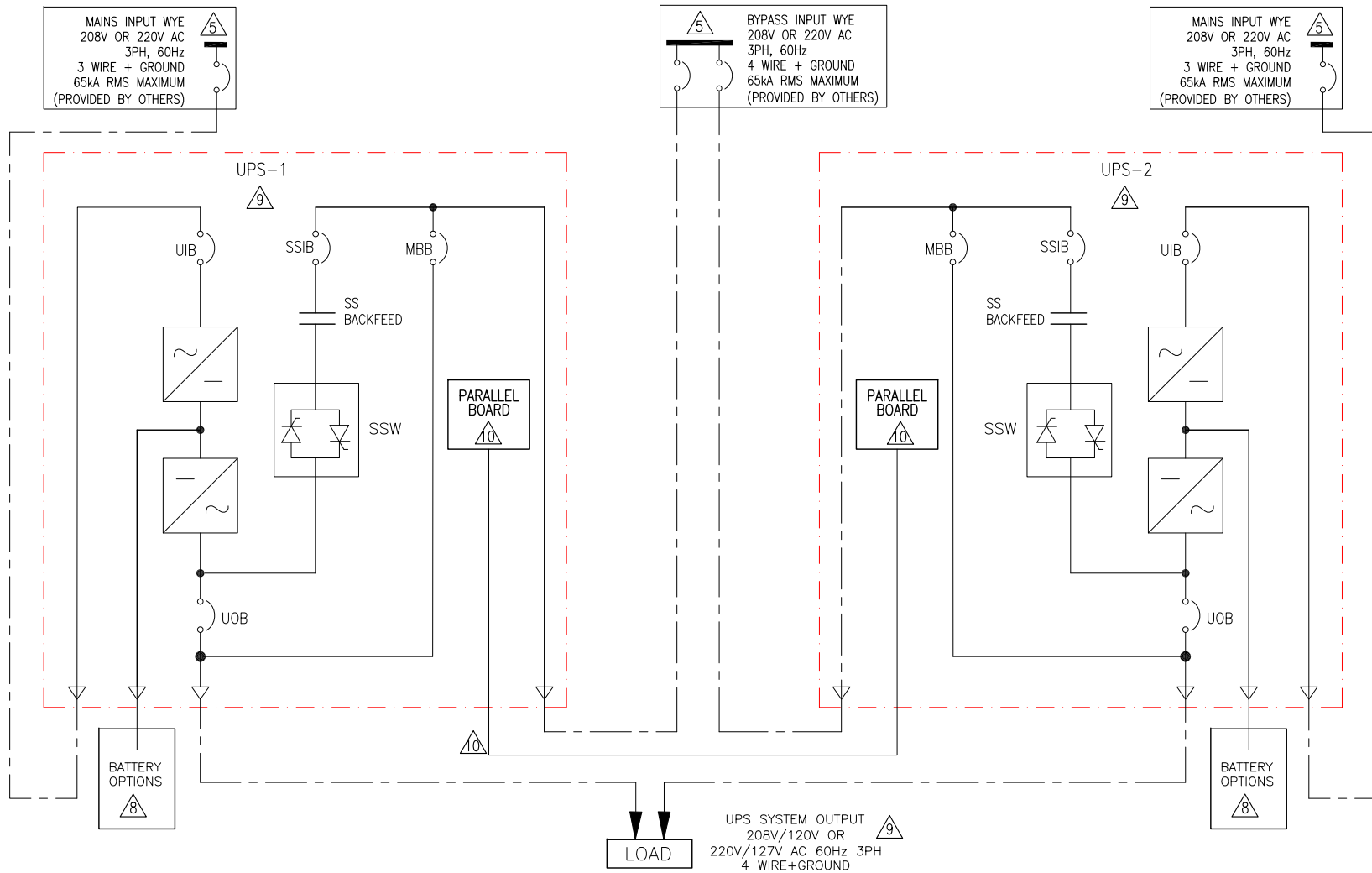


TITLE: GUTOR PXC
 Input: 208V / 220V AC 3PH SINGLE MAINS
 Output: 208V/220V AC 3PH 25/37.5/50 kW
 2 MODULE N+1 UPS BOT ENTRY WITH BATTERY
 SYSTEM ONE LINE DIAGRAM
PROJECT: DRAWINGS **SHEET** 1 OF 5

DWG NO: GUPXC25K50FTBBR2-SD
DRAWN BY: BALAMURUGAN
ENGINEER: W WATKINS/A SINGH
APPROVED BY: I K / N B

REV. 0
 15-MAR-18 ANGLE
 16-MAR-18 PROJECTION
 16-MAR-18 N.A.

DUAL MAINS WITH BOTTOM ENTRY



NOTES:

1. INSTALLATION SHALL COMPLY WITH ALL APPLICABLE NATIONAL, STATE AND LOCAL CODES.
2. REFER TO PRODUCT DOCUMENTATION FOR ADDITIONAL DETAILS PRIOR TO INSTALLATION AND SITE PREPARATION WORK.
3. DRAWING DEPICTS POWER SYSTEM CONNECTIONS AND IS NOT REPRESENTATIVE OF PHYSICAL LAYOUT, PLEASE REFER TO MECHANICAL DRAWINGS FOR PHYSICAL LAYOUT.
4. MAXIMUM SHORT CIRCUIT CURRENT IS 65kA.
- △5. MAINS INPUT TO BE 208V OR 220V AC 3PH WYE 3 WIRE+GROUND,
BYPASS INPUT TO BE 208V OR 220V AC 3PH WYE 4 WIRE+GROUND, EITHER SOLIDLY OR HIGH RESISTANCE GROUNDED, (CONTACT Schneider Electric IF OTHER).
6. OUTPUT CABLE LENGTHS FOR LOAD SHALL BE THE SAME. CONNECT UPS-1 AND UPS-2 OUTPUT DIRECTLY TO THE LOAD.
7. DUAL MAINS CONFIGURATION IS A DEFAULT CONFIGURATION.
- △8. FOR BATTERY CONFIGURATIONS REFER TO SHEET-5.
- △9. FOR TECHNICAL SPECIFICATION, SKU NUMBERS ETC., REFER TO SHEET-5.
- △10. PARALLEL BUS CABLE IS PROVIDED (SKU: GUPXCK50P LENGTH: 23 FEET). FOR PARALLEL BUS CONNECTION REFER TO INSTALLATION MANUAL.
11. Schneider Electric RECOMMENDS TEMPERATURE RATING OF CONDUCTORS AT 90°C(194°F), REFERENCE TABLE 310.15(B)(16) OF NEC 75°C COLUMN, USE STANDARD COPPER CONDUCTORS (75°C(167°F) CABLE TERMINAL CONNECTORS ASSUMED).
12. CABLE LUGS ARE NOT PROVIDED.

LEGEND:	— AC CABLE (PROVIDED BY OTHERS)
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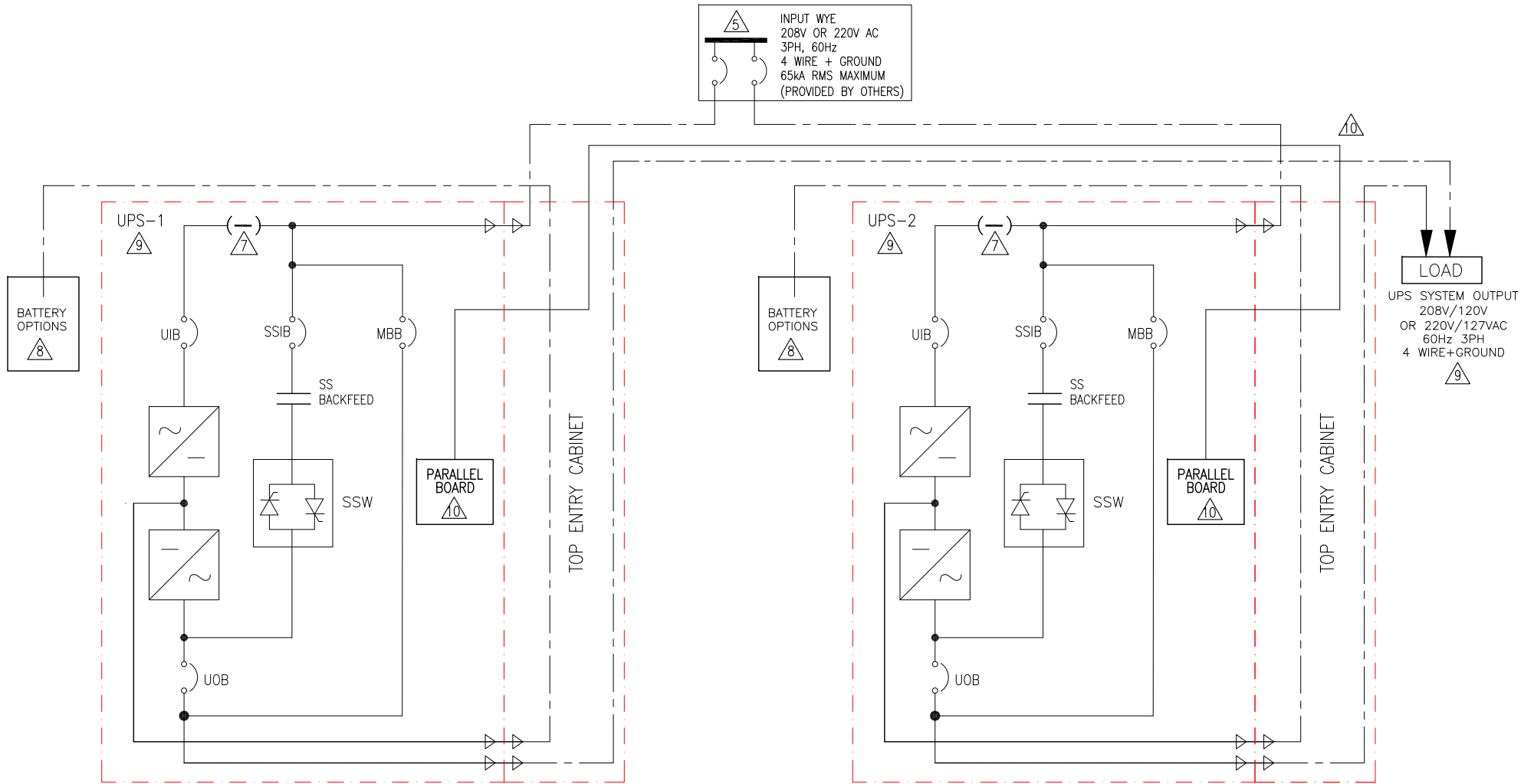
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TITLE: GUTOR PXC
 Input: 208V / 220V AC 3PH DUAL MAINS
 Output: 208V/220V AC 3PH 25/37.5/50 kW
 2 MODULE N+1 UPS BOT ENTRY WITH BATTERY
 SYSTEM ONE LINE DIAGRAM

DWG NO:	GUPXC25K50FTBBR2-SD	REV.	0
DRAWN BY:	BALAMURUGAN	15-MAR-18	ANGLE
ENGINEER:	W WATKINS/A SINGH	16-MAR-18	PROJECTION
APPROVED BY:	I K / N B	16-MAR-18	N. A

SINGLE MAINS WITH TOP ENTRY



NOTES:

1. INSTALLATION SHALL COMPLY WITH ALL APPLICABLE NATIONAL, STATE AND LOCAL CODES.
2. REFER TO PRODUCT DOCUMENTATION FOR ADDITIONAL DETAILS PRIOR TO INSTALLATION AND SITE PREPARATION WORK.
3. DRAWING DEPICTS POWER SYSTEM CONNECTIONS AND IS NOT REPRESENTATIVE OF PHYSICAL LAYOUT, PLEASE REFER TO MECHANICAL DRAWINGS FOR PHYSICAL LAYOUT.
4. MAXIMUM SHORT CIRCUIT CURRENT IS 65kA.
- △5. MAINS INPUT TO BE 208V OR 220V AC 3PH WYE 4 WIRE+GROUND, EITHER SOLIDLY OR HIGH RESISTANCE GROUNDING, (CONTACT Schneider Electric IF OTHER).
6. OUTPUT CABLE LENGTHS FOR LOAD SHALL BE THE SAME. CONNECT UPS-1 AND UPS-2 OUTPUT DIRECTLY TO THE LOAD.
- △7. DUAL MAINS CONFIGURATION IS A DEFAULT. FOR SINGLE MAINS CONFIGURATION USE SINGLE MAINS KIT (0M-99058) SUPPLIED WITH THE UPS. REFER TO INSTALLATION MANUAL.
- △8. FOR BATTERY CONFIGURATIONS REFER TO SHEET-5.
- △9. FOR TECHNICAL SPECIFICATION, SKU NUMBERS ETC., REFER TO SHEET-5.
- △10. PARALLEL BUS CABLE IS PROVIDED (SKU: GUPXC50P LENGTH: 23 FEET). FOR PARALLEL BUS CONNECTION REFER TO INSTALLATION MANUAL.
11. Schneider Electric RECOMMENDS TEMPERATURE RATING OF CONDUCTORS AT 90°C(194°F), REFERENCE TABLE 310.15(B)(16) OF NEC 75°C COLUMN, USE STANDARD COPPER CONDUCTORS (75°C(167°F) CABLE TERMINAL CONNECTORS ASSUMED).
12. CABLE LUGS ARE NOT PROVIDED.

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

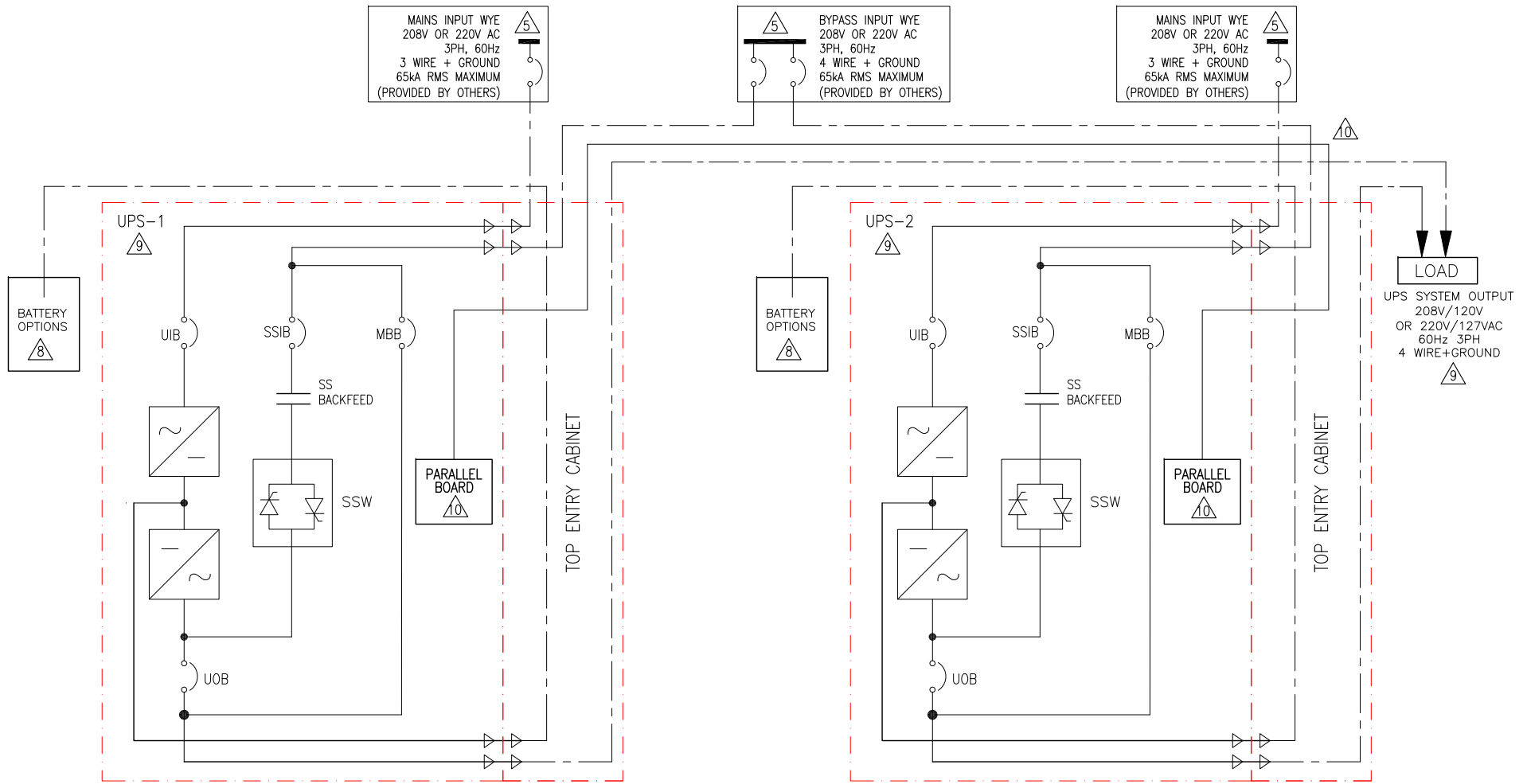
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TITLE: GUTOR PXC
 Input: 208V / 220V AC 3PH SINGLE MAINS
 Output: 208V/220V AC 3PH 25/37.5/50 kW
 2 MODULE N+1 UPS TOP ENTRY WITH BATTERY
 SYSTEM ONE LINE DIAGRAM

DWG NO: GUPXC25K50FTBBR2-SD		REV. 0
DRAWN BY: BALAMURUGAN	15-MAR-18	ANGLE
ENGINEER: W WATKINS/A SINGH	16-MAR-18	PROJECTION
APPROVED BY: I K / N B	16-MAR-18	N. A

DUAL MAINS WITH TOP ENTRY



- NOTES:**
1. INSTALLATION SHALL COMPLY WITH ALL APPLICABLE NATIONAL, STATE AND LOCAL CODES.
 2. REFER TO PRODUCT DOCUMENTATION FOR ADDITIONAL DETAILS PRIOR TO INSTALLATION AND SITE PREPARATION WORK.
 3. DRAWING DEPICTS POWER SYSTEM CONNECTIONS AND IS NOT REPRESENTATIVE OF PHYSICAL LAYOUT, PLEASE REFER TO MECHANICAL DRAWINGS FOR PHYSICAL LAYOUT.
 4. MAXIMUM SHORT CIRCUIT CURRENT IS 65kA.
 - △5. MAINS INPUT TO BE 208V OR 220V AC 3PH WYE 3 WIRE+GROUND,
BYPASS INPUT TO BE 208V OR 220V AC 3PH WYE 4 WIRE+GROUND, EITHER SOLIDLY OR HIGH RESISTANCE GROUNDING, (CONTACT Schneider Electric IF OTHER).
 6. OUTPUT CABLE LENGTHS FOR LOAD SHALL BE THE SAME. CONNECT UPS-1 AND UPS-2 OUTPUT DIRECTLY TO THE LOAD.
 7. DUAL MAINS CONFIGURATION IS A DEFAULT CONFIGURATION.
 - △8. FOR BATTERY CONFIGURATIONS REFER TO SHEET-5.
 - △9. FOR TECHNICAL SPECIFICATION, SKU NUMBERS ETC., REFER TO SHEET-5.
 - △10. PARALLEL BUS CABLE IS PROVIDED (SKU: GUPXCK50P LENGTH: 23 FEET). FOR PARALLEL BUS CONNECTION REFER TO INSTALLATION MANUAL.
 11. Schneider Electric RECOMMENDS TEMPERATURE RATING OF CONDUCTORS AT 90°C(194°F), REFERENCE TABLE 310.15(B)(16) OF NEC 75°C COLUMN, USE STANDARD COPPER CONDUCTORS (75°C(167°F) CABLE TERMINAL CONNECTORS ASSUMED).
 12. CABLE LUGS ARE NOT PROVIDED.

LEGEND:
 AC CABLE (PROVIDED BY OTHERS)

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TITLE: GUTOR PXC
 Input: 208V / 220V AC 3PH DUAL MAINS
 Output: 208V/220V AC 3PH 25/37.5/50 kW
 2 MODULE N+1 UPS TOP ENTRY WITH BATTERY
 SYSTEM ONE LINE DIAGRAM

PROJECT: DRAWINGS **SHEET:** 4 OF 5

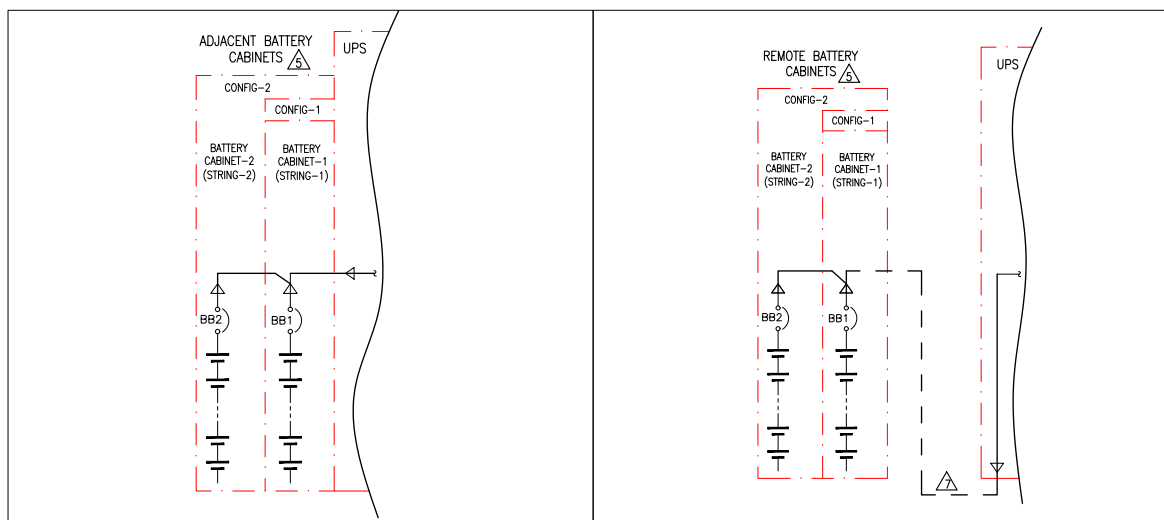
DWG NO: GUPXC25K50FTBRR2-SD	REV. 0
DRAWN BY: BALAMURUGAN	15-MAR-18
ENGINEER: W WATKINS/A SINGH	16-MAR-18
APPROVED BY: I K / N B	16-MAR-18
	ANGLE PROJECTION N.A.

GUTOR PXC 2 MODULE N+1 SITE PLANNING DATA

UPS RATING (kVA/kW)	UPS SKU NUMBER	QTY. OF 12.5kW POWER MODULES	INPUT/ OUTPUT VOLTAGE (V)	INPUT				BYPASS AND OUTPUT				BATTERY			
				NOMINAL CURRENT (A)	MAXIMUM CURRENT (A)	UIB & RECOMMENDED EXTERNAL UPSTREAM OCPD (80% RATED)		NOMINAL CURRENT (A)	SSIB, MBB, UOB & RECOMMENDED EXTERNAL OUPUT OCPD (80% RATED)		FULL LOAD CURRENT @NOMINAL VOLTAGE (384V DC) (A)	FULL LOAD CURRENT @EOD VOLTAGE (321V DC) (A)	BB RATING	BATTERY BREAKER PART NUMBER (MAKE: SCHNEIDER ELECTRIC)	
						TRIP / FRAME RATING	PART NUMBER (MAKE: SCHNEIDER ELECTRIC)		TRIP / FRAME RATING	PART NUMBER (MAKE: SCHNEIDER ELECTRIC)					
25	GUPXC25FS	2	208 / 208	75	91	125AT / 150AF	HGL36125	69	90AT / 150AF	HGF36090	69	83	150AT / 250AF	JLL37150D81	
			220 / 220	71	86			66							
37.5	GUPXC37FS	3	208 / 208	112	137	175AT / 250AF	JGL36175	104	150AT / 250AF	JGL36150	104	124	150AT / 250AF	JLL37150D81	
			220 / 220	106	129			98							
50	GUPXC50FS	4	208 / 208	149	182	225AT / 250AF	JGL36225	139	175AT / 250AF	JGL36175	138	165	200AT / 250AF	JLL37200D82	
			220 / 220	141	172			131							

NOTES:

1. INSTALLATION SHALL COMPLY WITH ALL APPLICABLE NATIONAL, STATE AND LOCAL CODES.
2. REFER TO PRODUCT DOCUMENTATION FOR ADDITIONAL DETAILS PRIOR TO INSTALLATION AND SITE PREPARATION WORK.
3. FOR BATTERY RUNTIME DATA REFER TO INSTALLATION MANUAL.
4. NOMINAL INPUT CURRENT BASED ON NOMINAL MAINS VOLTAGE + BATTERIES FULLY CHARGED AT RATED LOAD.
5. MAXIMUM INPUT CURRENT BASED ON FULL BATTERY RECHARGE + NOMINAL MAINS VOLTAGE AT RATED LOAD.
6. SUGGESTED INPUT OCPD BASED ON CONTINUOUS LOAD (OCPD = OVER CURRENT PROTECTION DEVICE).
7. FINAL SELECTIONS ARE RESPONSIBILITY OF ENGINEER OF RECORDS BASED ON INSTALLED CONDITIONS AND SHORT CIRCUIT CURRENT /SELECTIVE CO-ORDINATION/ ARC-FLASH ANALYSIS.
8. SKU NUMBER FOR TOP ENTRY CABINET: GUPXCAT
9. SKU NUMBERS FOR BATTERY BREAKER BOX: GUPXCD37B FOR 25kVA UPS & 37.5kVA UPS, GUPXCD50B FOR 50kVA UPS
10. POWER AND CONTROL WIRING SHOULD BE SEGREGATED.



NOTES:

1. INSTALLATION SHALL COMPLY WITH ALL APPLICABLE NATIONAL, STATE AND LOCAL CODES.
2. REFER TO PRODUCT DOCUMENTATION FOR ADDITIONAL DETAILS PRIOR TO INSTALLATION AND SITE PREPARATION WORK.
3. DRAWING DEPICTS POWER SYSTEM CONNECTIONS AND IS NOT REPRESENTATIVE OF PHYSICAL LAYOUT, PLEASE REFER TO MECHANICAL DRAWINGS FOR PHYSICAL LAYOUT.
4. CABLE LUGS ARE NOT PROVIDED.
- △5. TWO BATTERY CABINETS SHOWN, MAXIMUM OF 3 BATTERY CABINETS CAN BE BAYED WITH UPS. FOR RUNTIME DETAILS REFER TO INSTALLATION MANUAL OR CONTACT SCHNEIDER ELECTRIC.
6. Schneider Electric RECOMMENDS TEMPERATURE RATING OF CONDUCTORS AT 90°C(194°F), REFERENCE TABLE 310.15(B)(16) OF NEC 75°C COLUMN, USE STANDARD COPPER CONDUCTORS (75°C(167°F) CABLE TERMINAL CONNECTORS ASSUMED).
- △7. Schneider Electric RECOMMENDS ALL CABLES SHALL BE SIZED IN ACCORDANCE WITH ARTICLE 210-19 OF NEC (FEEDER VOLTAGE DROP OF 3%). CONSULT YOUR LICENSED ENGINEER OF RECORDS FOR SITE-SPECIFIC *10MS/LR TIME CONSTANT CALCULATIONS FOR OVER-CURRENT PROTECTION AND BATTERY RUNTIMES. 500V DC CABLING PROVIDED BY OTHERS.

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TITLE: GUTOR PXC
 Input: 208V / 220V AC 3PH SINGLE/DUAL MAINS
 Output: 208V/220V AC 3PH 25/37.5/50 kW
 2 MODULE N+1 UPS WITH BATTERY SOLUTION
 SITE PLANNING DATA AND BATTERY CONFIGURATIONS
PROJECT: DRAWINGS **SHEET** 5 OF 5

DWG NO: GUPXC25K50FTBBER2-SD
REV. 0
DRAWN BY: BALAMURUGAN 15-MAR-18
ENGINEER: W WATKINS/A SINGH 16-MAR-18
APPROVED BY: I K / N B 16-MAR-18

ANGLE
 PROJECTION
 N.A.