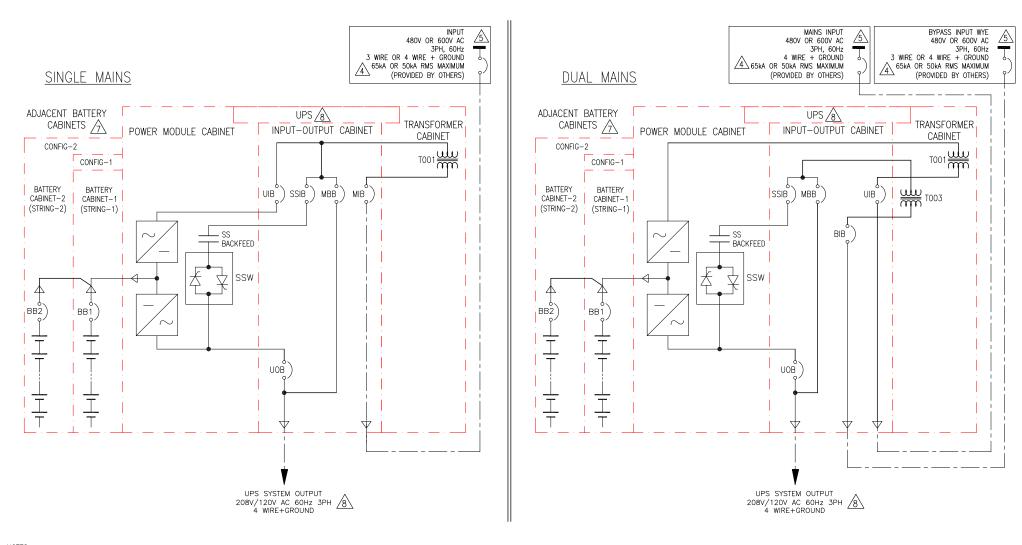
# BOTTOM ENTRY WITH ADJACENT BATTERY CABINETS



### 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 FOR 480V AND 50kA FOR 600V.

5. SINGLE MAINS: INPUT TO BE 480V OR 600V AC 3PH 3 WIRE OR 4 WIRE+GROUND, EITHER SOLIDLY OR HIGH RESISTANCE GROUNDED, (CONTACT Schneider Electric IF OTHER).

DUAL MAINS: MAINS INPUT TO BE 480V OR 600V AC 3PH 3 WIRE OR 4 WIRE+GROUND, EITHER SOLIDLY OR HIGH RESISTANCE GROUNDED, (CONTACT Schneider Electric IF OTHER).

BYPASS INPUT TO BE 480V OR 600V AC 3PH WYE 4 WIRE+GROUND, EITHER SOLIDLY OR HIGH RESISTANCE GROUNDED, (CONTACT Schneider Electric IF OTHER).

6. CABLE LUGS ARE NOT PROVIDED.

△7. 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.
△8. FOR TECHNICAL SPECIFICATION, SKU NUMBERS ETC., REFER TO SHEET—7.

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).

LEGEND:
AC CABLE (PROVIDED BY OTHERS)

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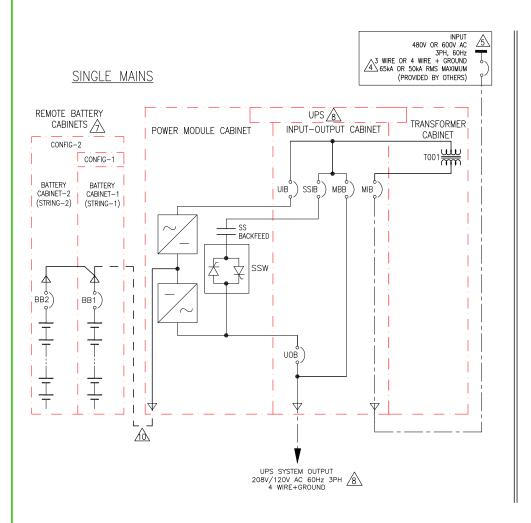
TITLE:	G	JTOR PX	(C		
Input: 480V Output: 1 MOD UPS	OR 600V	AC 3PH	SINGLE	E/DUAI	L MAIN:
Output:	208V/12	20V AC	3PH 75	/100	kW
1 MOD UPS	Bottóm	ENTRY W	/ ADJ. E	ATT. (	ABINET
	SYSTEM C	NE LINE	: DIAGRA	٩M	

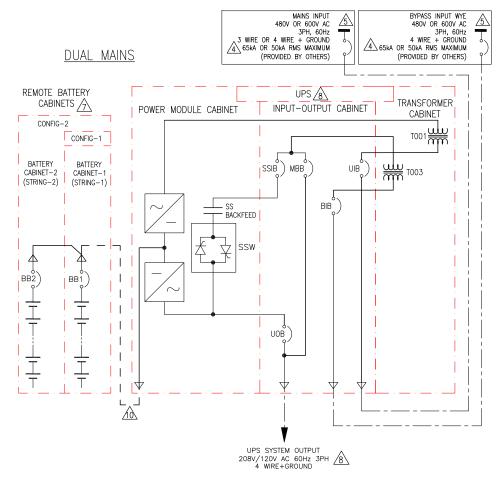
PROJECT: DRAWINGS SHEET 1 OF 7 APPROVED BY:

DWG NO: Gl	JPXC75K100L	GFTBC1-SD	REV.
DRAWN BY:	LPG / BALA	26-SEP-17	ANG
ENGINEER: W	WATKINS/A SINGH	27-SFP-17	PR0.IF(

IK / N B 27-SEP-17

# BOTTOM ENTRY WITH REMOTE BATTERY CABINETS





- 1. INSTALLATION SHALL COMPLY WITH ALL APPLICABLE NATIONAL, STATE AND LOCAL CODES.
- REFER TO PRODUCT DOCUMENTATION FOR ADDITIONAL DETAILS PRIOR TO INSTALLATION AND SITE PREPARATION WORK.
- 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 FOR 480V AND 50kA FOR 600V.
- SINGLE MAINS: INPUT TO BE 480V OR 600V AC 3PH 3 WIRE OR 4 WIRE+GROUND, EITHER SOLIDLY OR HIGH RESISTANCE GROUNDED, (CONTACT Schneider Electric IF OTHER) DUAL MAINS: MAINS INPUT TO BE 480V OR 600V AC 3PH 3 WIRE OR 4 WIRE+GROUND, EITHER SOLIDLY OR HIGH RESISTANCE GROUNDED, (CONTACT Schneider Electric IF OTHER). BYPASS INPUT TO BE 480V OR 600V AC 3PH WYE 4 WIRE+GROUND, EITHER SOLIDLY OR HIGH RESISTANCE GROUNDED, (CONTACT Schneider Electric IF OTHER).
- CABLE LUGS ARE NOT PROVIDED.
- TWO BATTERY CABINETS SHOWN, MAXIMUM OF 3 BATTERY CABINETS CAN BE BAYED. FOR RUNTIME DETAILS REFER TO INSTALLATION MANUAL OR CONTACT SCHNEIDER ELECTRIC.
- FOR TECHNICAL SPECIFICATION, SKU NUMBERS ETC., REFER TO SHEET-7.
- 9. 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).
- △10. Schneider Électric 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.

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	TITLE: GUTOR PXC	П
	Input: 480V OR 600V AC 3PH SINGLE/DUAL MAINS	
	Input: 480V OR 600V AC 3PH SINGLE/DUAL MAINS Output: 208V/120V AC 3PH 75/100 kW 1 MOD UPS BOT ENTRY W REMOTE BATT. CABINETS	
:	SYSTEM ONE LINE DIAGRAM	П

LEGEND:

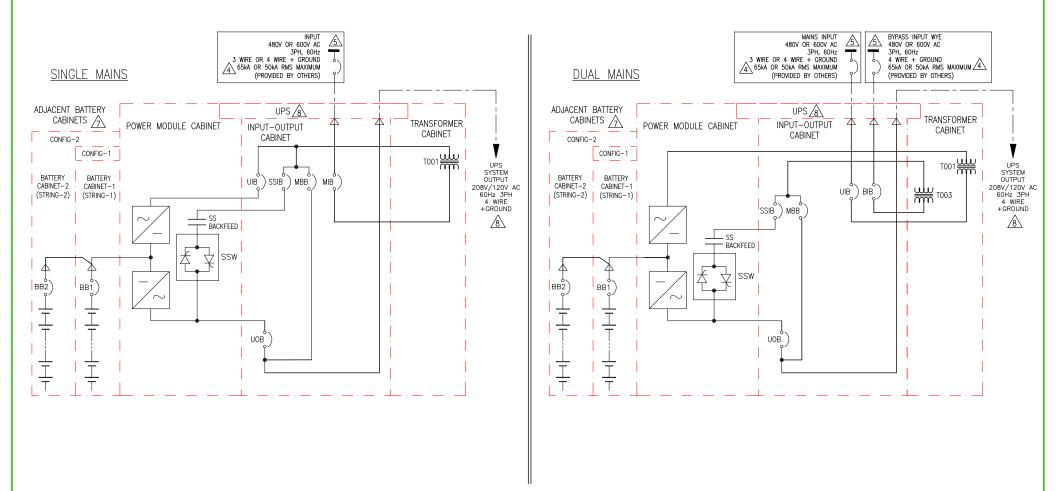
S	DWG NO: GUPXC75K100	_GFTBC1-SD	REV.
S	DRAWN BY: LPG / BALA	26-SEP-17	ANGLE
•	ENGINEER: W WATKINS/A SINGH	27-SEP-17	PROJECTION

AC CABLE (PROVIDED BY OTHERS)

- 500VDC CABLE (PROVIDED BY OTHERS)

PROJECT: DRAWINGS SHEET 2 OF 7 APPROVED BY: IK / N B 27-SEP-17

## TOP ENTRY WITH ADJACENT BATTERY CABINETS



### NOTES

1. INSTALLATION SHALL COMPLY WITH ALL APPLICABLE NATIONAL, STATE AND LOCAL CODES.

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LEGEND:
AC CABLE (PROVIDED BY OTHERS)

TREV.

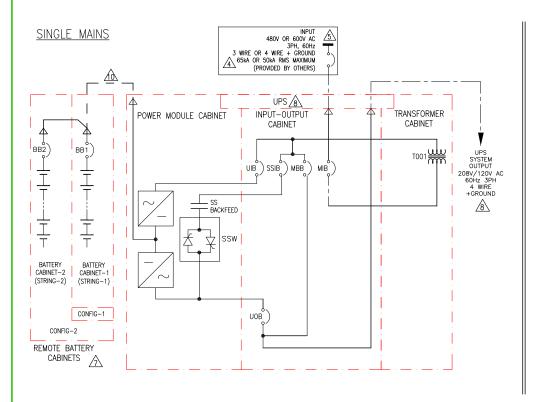
ANGLE PROJECTION

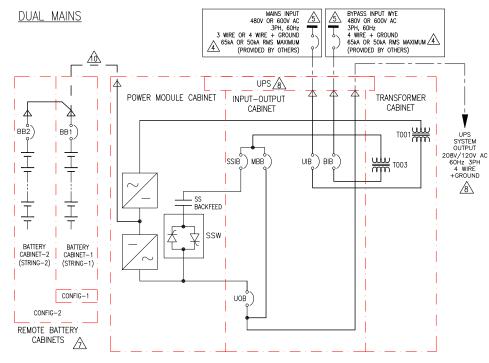
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	DWG NO: GUPXC75K100Li	GFTBC1-SD
Output: 208V/120V AC 3PH 75/100 kW  1 MODULE UPS TOP ENTRY W/ ADJ. BATT CABINETS	DRAWN BY: LPG / BALA	26-SEP-17
SYSTEM ONE LINÉ DIAGRAM	ENGINEER: W WATKINS/A SINGH	27-SEP-17
PROJECT: DRAWINGS SHEET 3 OF 7	APPROVED BY: IK/NB	27-SEP-17

## TOP ENTRY WITH REMOTE BATTERY CABINETS





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TITLE: GUTOR PXC	D١
Input: 480V OR 600V AC 3PH SINGLE/DUAL MAINS	
Input: 480V OR 600V AC 3PH SINGLE/DUAL MAINS Output: 208V/120V AC 3PH 75/100 kW 1 MODULE UPS TOP ENTRY W/REMOTE BATT. CABINETS	DF

LEGEND:

TREV. GUPXC75K100LGFTBC1-SD LPG / BALA 26-SEP-17 DRAWN BY:

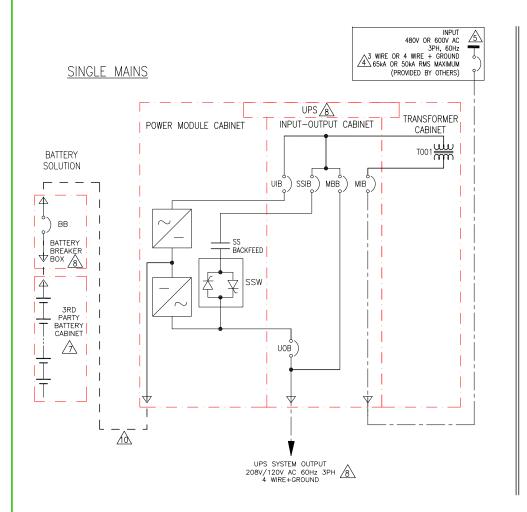
AC CABLE (PROVIDED BY OTHERS)

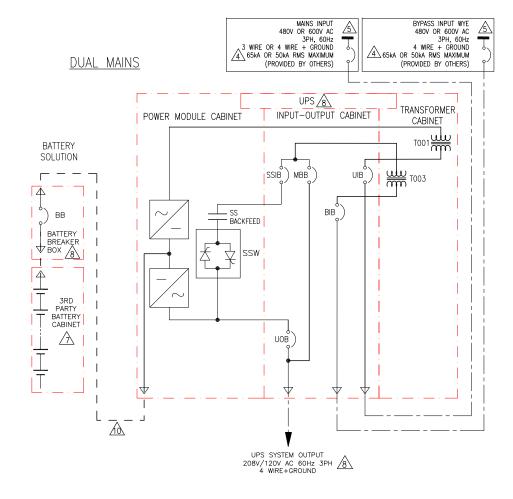
500VDC CABLE (PROVIDED BY OTHERS)

SYSTEM ONE LÍNE DIAGRAM PROJECT: DRAWINGS SHEET 4 OF 7 APPROVED BY: IK/NB

ANGLE PROJECTION ENGINEER: W WATKINS/A SINGH 27-SEP-17 27-SEP-17

## BOTTOM ENTRY WITH REMOTE BATTERY CABINETS





### NOTES

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	TITLE: GUTOR PXC	1
	Input: 480V OR 600V AC 3PH SINGLE/DUAL MAINS Output: 208V/120V AC 3PH 75/100 kW 1 MOD UPS BOT ENTRY W REMOTE BATT. CABINETS	
	Output: 208V/120V AC 3PH /5/100 kW	7
	1 MOD UPS BOT ENTRY W REMOTE BATT. CABINETS	Ц
٠.	SYSTEM ONE LINE DIAGRAM	1

PROJECT: DRAWINGS SHEET 5 OF 7 APPROVED BY:

S	DWG NO: GU	PXC75K100L		REV.
S	DRAWN BY:	LPG / BALA	26-SEP-17	ANGLE
	ENGINEER: W V	VATKINS/A SINGH	27-SEP-17	PROJECTION

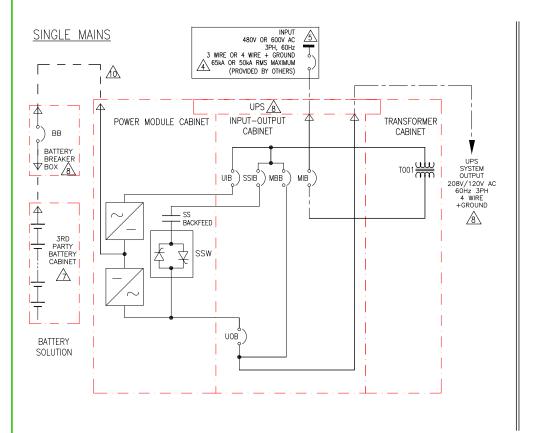
IK / NB 27-SEP-17

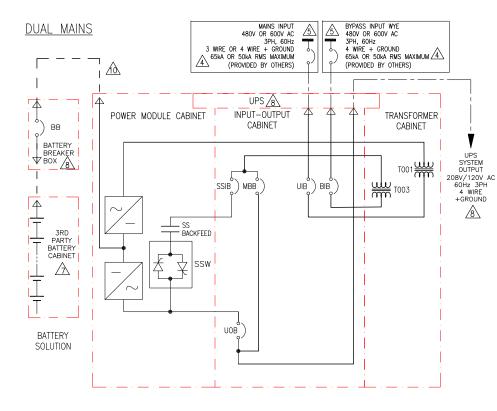
LEGEND:

— — AC CABLE (PROVIDED BY OTHERS)

— — 500VDC CABLE (PROVIDED BY OTHERS)

## TOP ENTRY WITH REMOTE BATTERY CABINETS





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TITLE: GUTOR PXC	D
Input: 480V OR 600V AC 3PH SINGLE/DUAL MAINS	
Input: 480V OR 600V AC 3PH SINGLE/DUAL MAINS Output: 208V/120V AC 3PH 75/100 kW 1 MODULE UPS TOP ENTRY W/REMOTE BATT. CABINETS	DI
CYCTELL ONE LAIE DILOPHIA	_

TREV. GUPXC75K100LGFTBC1-SD LPG / BALA 26-SEP-17 DRAWN BY:

IK/NB

ANGLE PROJECTION SYSTEM ONE LÍNE DIAGRAM ENGINEER: W WATKINS/A SINGH 27-SEP-17 PROJECT: DRAWINGS SHEET 6 OF 7 APPROVED BY: 27-SEP-17

AC CABLE (PROVIDED BY OTHERS)

500VDC CABLE (PROVIDED BY OTHERS)

### GUTOR PXC 75-100kW, SINGLE INPUT MODULE SITE PLANNING DATA

	INPUT 480V OR 600V							INPUT A	FTER TRANSFO 208V	RMER	MAINT BYPASS, INT BYPASS AND OUTPUT 208V			BATTERY				
		QTY OF				EXTERNAL	COMMENDED UPSTREAM 0% RATED)			l	IIB		RECOMMEND	B, UOB & ED EXTERNAL ) (80% RATED)	FULL LOAD CURRENT	FULL LOAD CURRENT	(F	Y OCPD BB)
UPS RATING KVA/KW	UPS SKU NUMBER	12.5kW	VOLTAGE	NOMINAL CURRENT (A)				NOMINAL CURRENT (A)	MAXIMUM CURRENT (A)	TRIP/FRAME RATING	SCHNEIDER ELECTRIC PART NUMBER	NOMINAL CURRENT (A)	TRIP/FRAME RATING	SCHNEIDER ELECTRIC PART NUMBER	© NOM. VOLTAGE (384VDC) (A)	@ EOD (321VDC) (A)	TRIP/FRAME RATING	SCHNEIDER ELECTRIC PART NUMBER
75	GUPXC75GFI	6	480	100	125	175AT/250AF	JJF36175	237	270	350AT/600AF	LGF36400U31X	208	300AT/600AF	LGF36400U31X	207	248	300AT/600AF	LLL37030D27
/3	GUPXC75LFI	U	600	80	100	150AT/150AF	HLF36150	231	270	350AT/600AF	LGF36400U31X	208	300AT/600AF	LGF36400U31X	207	248	300AT/600AF	LLL37030D27
100	GUPXC100GFI	α	480	133	167	225AT/250AF	JJF36225	307	360	450AT/600AF	LGF36600U31X	278	350AT/600AF	LGF36400U31X	276	331	400AT/600AF	LLL37030D30
100	GUPXC100LFI	υ	600	106	134	175AT/250AF	JLF36175	316	360	450AT/600AF	LGF36600U31X	278	350AT/600AF	LGF36400U31X	276	331	400AT/600AF	LLL37030D30

### GUTOR PXC 75-100kW, DUAL INPUT MODULE SITE PLANNING DATA

	COTON TAG TO TOOKIN, BOAL INITOT MODULE CITE TERMINATO BATA																	
	INPUT 480Y OR 600Y								41	BYPASS BOV OR 600V		MAINT BYPASS, INT BYPASS AND OUTPUT 208V			BATTERY			
		QTY OF			4001	UIB & REC	COMMENDED UPSTREAM D% RATED)			BIB & RECOMMENDED EXTERNAL UPSTREAM OCPD (80% RATED)			MBB, SSIB, UOB & RECOMMENDED EXTERNAL		FULL LOAD CURRENT	FULL LOAD CURRENT	(F	RY OCPD BB)
UPS RATING KVA/K	UPS SKU		VOLTAGE	NOMINAL CURRENT (A)				NOMINAL CURRENT (A)		TRIP/FRAME RATING	SCHNEIDER ELECTRIC PART NUMBER	NOMINAL CURRENT (A)	TRIP/FRAME RATING	SCHNEIDER ELECTRIC PART NUMBER	NOM. VOLTAGE     (384VDC)     (A)	<ul><li>© EOD</li><li>(321VDC)</li><li>(A)</li></ul>	TRIP/FRAME RATING	SCHNEIDER ELECTRIC PART NUMBER
75	GUPXC75GFDI	6	480	100	125	175AT/250AF	JJF36175	90	90	175AT/250AF	JJF36175	208	300AT/600AF	LGF36400U31X	207	248	300AT/600AF	LLL37030D27
	GUPXC75LFDI		600	80	100	150AT/150AF	HLF36150	72	72	150AT/150AF	HLF36150	208	300AT/600AF	LGF36400U31X	207	248	300AT/600AF	LLL37030D27
100	GUPXC100GFDI	g	480	133	167	225AT/250AF	JJF36225	120	120	225AT/250AF	JJF36225	278	350AT/600AF	LGF36400U31X	276	331	400AT/600AF	LLL37030D30
_ 100	GUPXC100LFDI		600	106	134	175AT/250AF	JJF36175	96	96	175AT/250AF	JJF36175	278	350AT/600AF	LGF36400U31X	276	331	400AT/600AF	LLL37030D30

#### NOTES

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- 2. REFER TO PRODUCT DOCUMENTATION FOR ADDITIONAL DETAILS PRIOR TO INSTALLATION AND SITE PREPARATION WORK.
- 3. FOR BATTERY RUNTIME DATA REFER TO INSTALLATION MANUAL OR CONTACT SCHNEIDER ELECTRIC.
- 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.
- SUGGESTED INPUT OCPD BASED ON CONTINUOUS LOAD (OCPD=OVER CURRENT PROTECTION DEVICE).
- FINAL SELECTIONS ARE RESPONSIBILITY OF ENGINEER OF RECORDS BASED ON INSTALLED CONDITIONS AND SHORT CIRCUIT CURRENT/SELECTIVE CO-ORDINATION/ARC-FLASH ANALYSIS.
- 8. SKU NUMBERS FOR BATTERY BREAKER BOX: GUPXCD75B FOR 75kVA UPS, GUPXCD100B FOR 100kVA UPS.
- 9. POWER AND CONTROL WIRING SHOULD BE SEGREGATED.

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	TITLE: GUTOR PXC	Ī				
	Input: 480V OR 600V AC 3PH SINGLE/DUAL MAINS Output: 208V/220V AC 3PH 75/100 kW 1 MODULE UPS WITH BATTERY SOLUTION	l				
~	Output: 208V/220V AC 3PH 75/100 kW	İ				
_	1 MODULE UPS WITH BATTERY SOLUTION	ŀ				

PROJECT: DRAWINGS SHEET 7 OF 7 APPROVED BY:

S	DWG NO: GUPXC75K100	REV.			
	DRAWN BY: LPG / BAL	26-SEP-17	ANGLE		
	ENGINEER: W WATKINS/A SING	1 27-SEP-17	PROJECTION		

IK / N B 27-SEP-17